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Garden Guide 1951

"Everything for Your Garden but the Rain"

Ashland Branch
TED'S FEED & SEED STORE
Ashland, Oregon

Monarch
SEED & FEED CO.
MEDFORD, OREGON

LARGE FLOWERED ZINNIAS



New Flowers .. and

OUTSTANDING FLOWER NOVELTIES

TITHONIA TORCH (Top Winner All America Selections for 1951—Silver Medal) (a) Group 1

The first low growing Tithonia ever developed, this extremely dwarf Tithonia, improved from a Hawaiian variety, grows approximately four feet high in most localities. It bears brilliant orange-red flowers, four inches across, from about July to mid-August. Very heat-resistant and subject to no diseases.

Pkt. 25c

PETUNIA—Fire Chief (The 1950 Gold Medal Winner)

(a) Group 4

Fire Chief is the reddest petunia you ever saw. Compact plants of erect habit covered throughout the season with brilliant signal red flowers. Exceptional uniformity of color and habit make it one of the finest bedding petunias ever grown.

Pkt. 25c

PETUNIA—Giants of California

(a) Group 4

Extremely large flowers in shades of rose, pink, salmon, copper and other delightful soft pastel tints—a favorite with garden lovers from coast to coast.

Pkt. 50c

PANSY—Butterfly Hybrids

(b) Group 5

A strain mainly of pastel character in shades of pink, rose, apricot, buff, orchid, lavender, yellow, pale gold, orange, salmon, coral, and flesh, many overlaid with a delicate bronze cast. The form is unbelievably ruffled, plated and marked with sun rays and blotches of butterfly sheen metallic jewel tones.

Pkt. 50c

LARKSPUR—Supreme Salmon

(a) Group 3

A wonderful, clear salmon in the new Supreme strain characterized by a tremendous central flower spike which is formed by a great many large fully double flowers with broad petals, closely spaced on the stem. Vigorous plants, five to six feet high.

Pkt. 35c

LARKSPUR—Regal Lilac

(a) Group 3

Here is a clear lilac with green buds—the latest addition to the Regal Larkspurs. The Regals are distinguished by their long, thick spikes of huge, well-placed, delphinium-like florets. They are base-branching, vigorous and early.

Pkt. 25c



1951 All America Silver Medal Winner
TITHONIA TORCH



REGAL LARKSPUR: Lilac, Pink, White



PETUNIA, FIRE CHIEF

Old Favorites Recommended for Your Garden

AGERATUM (a) Grp. 2

Fluffy blue flowers all summer on dwarf compact plants. Easily grown in any soil. Excellent for edgings or rock gardens.

Midget Blue. Silver Medal All America Selection 1940. Fine dwarf Ageratum 2 to 3 inches high, smothered with small, true Ageratum blue flowers. Pkt. 15c.

Blue Ball. Compact round plants, 6 inches tall, hidden by a mass of pure blue flowers. Pkt. 10c.

ALYSSUM, Madwort

Blooms the entire season; popular for beds and edging in summer, or for growing in pots and boxes for winter bloom.

Carpet of Snow (a) Grp. 2. White flowers on flat growing 3-inch plants. Pkt. 10c.

Saxatile compactum (p) Grp. 5. Basket of Gold. Compact plants covered with a wealth of golden blossoms in early spring. 12 inches. Pkt. 10c.

Maritimum (Sweet Alyssum) (a) Grp. 2. Fragrant white flowers all season. 12 inches in height. Pkt. 10c.

Violet Queen (a) Grp. 2. Low compact plants with an abundance of sweetly scented flowers of a rich deep shade of violet. Neat and free flowering. Pkt. 15c.

ASTER (a) Grp. 4

From July until September the Aster reigns supreme in the garden. For these reasons we give a great deal of attention to these flowers and are in a position to offer remarkably fine strains, producing perfect flowers of great beauty. To do well, Asters require a rich soil kept open by continuous cultivation.

Heart of France. Deep ruby-red, fully double, well rounded flowers on long stems. Midseason until frost. Pkt. 10c.

IMPROVED CREGO WILT RESISTANT. The large shaggy flowers with long curled petals are not unlike the ostrich feather for which they are commonly named. The plants are strong, heavily branched and grow about 2½ feet in height. We can supply the following separate colors:

Azure Blue, Crimson, Orchid, Pink, Purple, Rose, White. Pkt. 15c.

Crego Finest Mixed. Pkt. 15c.

SUPER GIANTS. Combining the Crego type of flower with the Beauty Aster's long unbranching stems, this full flowered race of Asters stands at the head of the list.

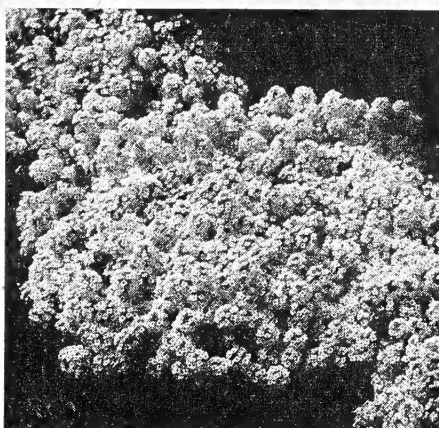
Super Giant El Monte. Deep glowing crimson. Not wilt resistant. Pkt. 15c.

Super Giant Los Angeles. Fully double shell pink. Not wilt resistant. Pkt. 15c.

Improved Giants of California. Large full flowers of the Crego type, graceful, broad petals, borne on long heavy stems. Flowers from late summer to frost. Height 3 feet. Fine for cut flowers. Finest mixed, Pkt. 15c.

PRINCESS ASTERS, WILT RESISTANT. The blooms of this type have a full crested center surrounded by several rows of strong guard petals.

Princess Asters Mixed. Pkt. 25c.



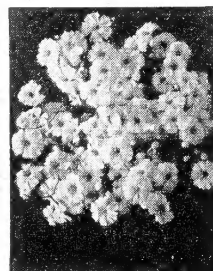
ALYSSUM

BABY'S BREATH, Gypsophila

Airy sprays of white flowers, lovely for bouquets.

Brilliant Carmine (a) Grp. 3. Dainty bell-shaped blooms. Make sowings two weeks apart for continuous flowers. Pkt. 15c.

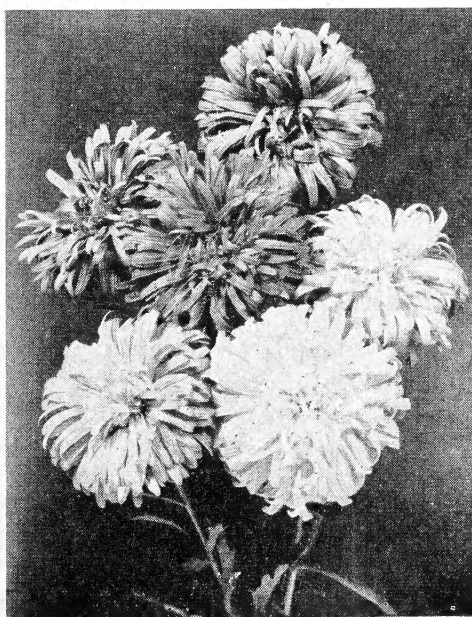
Covent Garden Market (a) Grp. 3. Large, single white flowers, 6-8 petals each. Pkt. 10c.



GYPSOPHILA PANICULATA

Paniculata Single White (p) Grp. 5. Hardy perennial with sprays of tiny rose shaped blossoms. If cut before the flowers are fully opened sprays can be used in winter bouquets. 3 ft. Pkt. 10c.

Paniculata Double White (p) Grp. 5. Double form of the above. Excellent for fresh or dry bouquets. Pkt. 25c.



ASTER, IMPROVED CREGO

The Secret of Your Success

We have grouped our seeds according to the culture they require. Find the group number in the alphabetical listing, for example, Ageratum, Grp. 2, and your cultural instructions in the column below.

Group 1 Seeds in this group are difficult to transplant. Sow the seed where the plants are to flower after the danger of frost has passed. Thin out to the desired distance when the seedlings are well started.

Group 2 Seeds in this group are easily raised outside after the danger of frost has passed. Either sow them in their permanent positions or in a seed bed and transplant to the place where they are to flower.

Group 3 Seeds in this group can be sown outside very early in the season, being very hardy. When the seedlings are big enough they should be transplanted to their permanent positions.

Group 4 Sow seeds in flats in early spring for best results. When seedlings are large enough to handle transplant to other flats. Harden off gradually and plant into beds when the weather is settled.

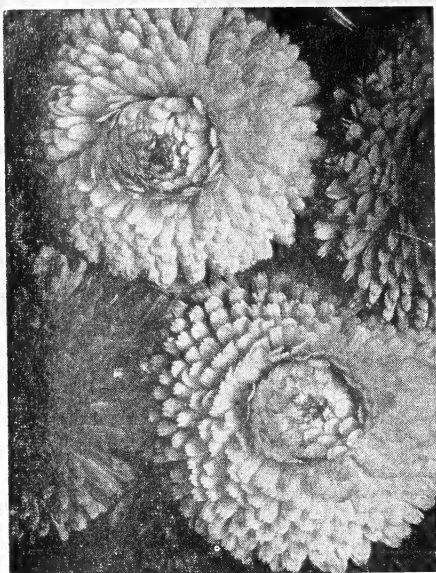
Group 5 In this group are most of the perennial seeds. They can either be sown indoors in flats or outdoors. If sown outside is good practice to sow them in mid-spring so they will reach a fair size before the hot weather starts. After the seedlings are big enough to handle, transplant to allow room for growth. Plant in their permanent places in fall or if the plants are very small, winter over in a cold frame and plant out the following spring.

For best results with biennial such as Sweet Williams, Canterbury Bells, Wallflowers and Beauty of Nice Stocks, sow them in summer. When the seedlings are large enough transplant to thin them so they will make sturdy plants by fall. At that time plant them where they are to flower. Handled in this way, these flowers will give a really good display.

Try interplanting some of these showy biennial flowers with your late-flowering Tulips for very pleasing effects.

KEY LETTERS

(a) Annual; (b) Biennial; (p) Perennial; (c) Climber; (r) Rock Garden Plant.



CALENDULAS, PACIFIC BEAUTIES

BACHELOR'S BUTTON or CORNFLOWER, *Centaurea* (a) Grp. 3

Among the hardiest and easiest of all annuals. Will grow anywhere. Narrow foliage and wiry stems. Pick off the old blooms—have flowers all summer long.

Cornflower, Jubilee Gem. Compact plants a foot high, literally covered with bright blue flowers. Pkt. 15c.

Cornflower, Cyanus Double. This superb class of Cornflower has handsome large double blooms in pink, red, white, and blue. 2 to 3 feet tall.

Mixed. Pkt. 10c.

BALSAM

Lady Slipper (a) Grp. 2

An old and popular garden flower of easy culture. Gorgeous masses of brilliant double flowers are produced in the greatest profusion. An excellent flower for your shady corner. Height, 2 feet. **Camellia Flowered.** Most improved type. **Finest Mixed.** Pkt. 15c.

BEAN (a) Grp. 2

Scarlet Runner. An ideal climber to provide summer shade for porches, pergolas. Bold, handsome foliage sets off the many large sprays of bright scarlet flowers which are followed by edible beans in pods 6 inches long. Vines will reach 20 ft. or more. Pkt. 10c.

BELLIS

English Daisy (p) Grp. 5)

Monstrosa. Splendid early flowering daisy. Large fully double daisies in rose, red and white on 6-inch stems. Thrive in a cool, moist, but well drained soil. Pkt. 25c.

BLACK EYED SUSAN *Thunbergia* (a)

Beautiful rapid growing annual climber, preferring a warm sunny situation. Used extensively for hanging baskets, vases, low fences, etc. Very pretty flowers in buff, white, orange and other shades, with dark eyes. **Alata.** Finest mixed. Pkt. 10c.

BLUE CUP FLOWER *Nierembergia*

Purple Robe (a) Grp. 4. Bronze Medal All America Selections, 1942. Very dwarf cushion-like plants with flowers of violet blue. In bloom for a long period. Pkt. 25c.

BUTTERFLY FLOWER

Schizanthus (a) Grp. 2

One of our finest hardy annuals. Showy flowers of various colors, closely resembling some species of Orchids. Does well in shade.

Giant-flowering Hybrids. An extra select, compact, large flowered strain, containing a perfect blend of colors, including rose, pink, salmon, crimson, deep purple, and many bicolors, all handsomely veined in pure gold. Pkt. 25c.

CALIFORNIA POPPY, See Poppy

CALENDULA

Pot Marigold (a) Grp. 2

Blooms freely in early summer and continues into fall, requiring little care to grow to perfection. 18 to 24 inches high. May also be planted in fall.

Campfire Improved. A very deep strong orange with distinct scarlet sheen on upper side of each petal. Blooms are flat across top, 4 inches in diameter. Pkt. 15c.

New Sunshine Calendula Chrysantha. A clear Buttercup yellow with loosely arranged petals, incurved at the center, and reflexed at the edges. The foot-long stems are strong and wiry. Pkt. 15c.

PACIFIC BEAUTIES. Large, full double blooms with long, toothed and soft petals, arranged loosely to form a ball shaped flower. Excellent home garden type, about 16" tall, with great size flowers of lemon, apricot and persimmon shades, often attractively tipped. Heat resistant. **Mixed Pkt.** 25c.

CALLIOPSIS (a) Grp. 3

Very showy subject for garden decoration and cutting.

Tall Mixed. All double. Contains a wide range of color combinations, including yellow, maroon and crimson, mostly bi-colored. Pkt. 15c.

CANDYTUFT (a) Grp. 1

Valuable for masses and edging. Highly desirable for bouquets.

Giant White Hyacinth Flowered. Very fine for cutting. Pkt. 10c.

Umbellata. Of compact and branching habit. Colors include carmine, crimson, pink, lavender, rose, cardinal and white. **Mixed colors.** Pkt. 10c.

CANTERBURY BELLS

Campanula Medium (b) Grp. 5

Calycanthema, Cup and Saucers. The most beautiful type with large bell or cup-shaped flowers surrounded at the base by a large calyx of a similar color, the whole resembling a cup and saucer. **Finest Mixed.** Pkt. 10c.

Single. A form with charming pyramids of fluted bells. 2 to 3 ft. **Mixed Pkt.** 10c.

CLARKIA (a) Grp. 3

A truly charming annual of the most graceful habit, flowering in July. Large numbers of double almond-like flowers in long racemes.

Elegans. Double choice mixed with pink, red, salmon, lavender and white colors. Height 2 feet. Pkt. 10c.

CARNATION (p) Grp. 5

Few flowers surpass in beauty of form or delicious fragrance the richly-hued carnation.

Chabaud Giant. 18 inches. This variety blooms six months after seeding and continues throughout the summer. The plants, robust and erect, supply handsome, double, clove-scented flowers of extra large size. **Mixed Colors.** Pkt. 15c.

Marguerite. A fine assortment of colors in this very popular flower. Pkt. 20c.

CASTOR BEANS

Ricinus (a) Grp. 2

Magnificent, tall, large leaved plants of tropical appearance, succeeding in a warm, sunny location. Beautiful for large foliage groups and background. Height, 10 to 12 feet.

Mixed Varieties. Pkt. 10c.



CELOSIA PLUMOSA

COCKSCOMB

Celosia (a) Grp. 4

A showy annual producing massive heads of bloom in rich shades of crimson and yellow.

Cristata. Choice mixed. Height 9 to 18 inches. Pkt. 15c.

Plumosa (Improved Feather Type). Choice mixed. Height 2 feet. Pkt. 15c.

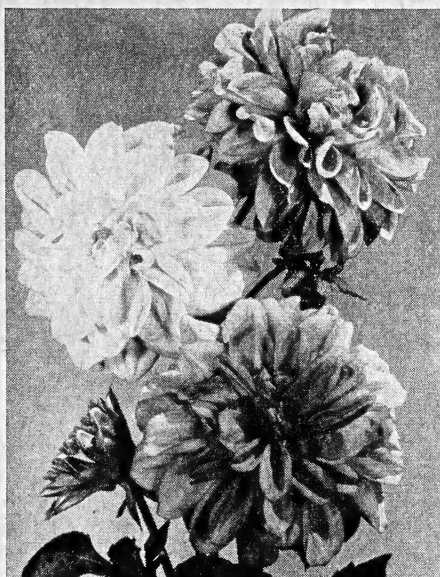
COLUMBINE

Aquilegia (p) Grp. 5

These are among the most beautiful of spring and early summer flowers; very effective when grown in the herbaceous border and groups among shrubbery. Long-spurred flowers on graceful stems 2 feet or more above the fern-like foliage.

Mrs. Scott Elliott's Strain. One of the finest tall strains ever developed, long-spurred, large flowers, in a splendid mixture of colors. **Mixture.** Pkt. 25c.

Long Spurred Blue Shades. Larger flowered than the other colors, these are of the most beautiful shades of blue ranging from azure blue through Belladonna to the Forget-me-not, all with a rich cream center. A perennial blooming the first year from seed in most climates. Pkt. 25c.



UNWIN DAHLIAS

CORAL BELLS

Heuchera (p) Grp. 5

A low growing hardy perennial plant with heart shaped leaves, which form a low clump 6 to 8 inches high and bearing during summer, loose graceful sprays of red flowers in great profusion. **Spitfire.** Large, rich scarlet. **Pkt. 25c.**

COREOPSIS (p) Grp. 5

One of our most popular perennials; the attractive flowers are borne in great profusion and are excellent for cutting. Height, 3 feet.

Grandiflora Double Sunburst. Much of the beauty of early summer gardens is due to the brilliant golden yellow of Coreopsis plantings. The double flowers are large, 1½ to 2 inches across, deep golden yellow, and are excellent for cutting as well as for garden decoration. Fine keepers; plants are easy to grow. **Pkt. 15c.**

COSMOS (a) Grp. 3

No garden is complete without Cosmos. These old favorites supply a gorgeous, colorful effect during late summer and fall. Fine for cutting as the flowers last well in water.

Early Klondyke Orange Flare. The long-stemmed flowers of bright, vivid orange are freely borne on 2 to 3 foot plants. Its most remarkable feature, however, is its early blooming habit. It blooms from mid-summer until frost. **Pkt. 15c.**

SENSATION COSMOS

A superior type for cutting and all around use. Flowers 4 to 5 inches across on 3 to 4-foot plants.

Dazzler. A luscious shade of velvety crimson maroon. **Pkt. 15c.**

Pinkie. A delightful rose-pink. **Pkt. 15c.**

Purity. Glistening white. **Pkt. 15c.**

Radiance. Winner of the highest award in the '48 All America trials. Radiance introduces two entirely new colors in Sensation Cosmos: Striking deep rose and rich crimson, in the first bicolor Cosmos ever to be developed. **Pkt. 15c.**

CYNOGLOSSUM (a) Grp. 2

Blue Chinese Forget-Me-Not

Firmament. A hardy annual of the easiest culture, forming strong plants about 18 inches high and producing through the summer months sprays of Forget-Me-Not-like flowers. **Pkt. 10c.**

DAHLIAS

From Seed (rp) Grp. 5

Improved Unwin's Dwarf Hybrids. These double and semi-double Dahlias are one of England's best contributions to the flower world. They grow from 18 inches to 2 feet tall and come in many delightful shades. Plants are compact and are as easy to grow as Zinnias. Bloom the whole summer. **Mixed colors. Pkt. 25c.**

DAISIES

AFRICAN GOLDEN DAISIES

Dimorphotheca (a)

The plants are of branching habit, growing about 15 inches high. An easily cultivated annual. Especially suited for dry situations. **Mixed. Pkt. 15c.**

PAINTED DAISY, Pyrethrum (p) Grp. 5

This plant is cousin to the Chrysanthemum and Matricaria and should play an important part in many a well planted garden. Height, 1 to 3 feet.

Single Mixed. Radiating petals in many tones of rose and red about a golden center. **Pkt. 20c.**

ANNUAL CHRYSANTHEMUM

(a) Grp. 1

Merry Mixture. Here is a new strain of Painted Daisies far superior to the old Tricolors. It includes new solid colors and also a better range of the Tricolors. **Pkt. 25c.**

SHASTA DAISY

Chrysanthemum maximum (p) Grp. 5

Popular hardy perennial bearing large double and semi-double white blooms with handsome yellow centers. They are excellent for border plantings and especially pleasing in bouquets. **Pkt. 15c.**

SWAN RIVER DAISY

Brachycome (a) Grp. 2

Brilliant free-flowering annual blooming throughout the summer and suitable for beds or borders. The dainty flowers resemble small Cinerarias. Height, 6 to 12 inches.

Mixed Colors. Pkt. 10c.

FLOWERING TOBACCO

Nicotiana (a) Grp. 4

Stately plants producing large, trumpet shaped blooms until frost. Fine for beds and borders. Height, 3 feet. Deliciously scented, especially at night.

Affinis Hybrids. Mixed Colors. Pkt. 10c.

FOUR O'CLOCK

Mirabilis (a) Grp. 1

Petticoat. A brand new form of the ever popular and colorful Four o'Clock or Marvel-of-Peru. The sepals of each flower are brightly colored to match the petals, giving a charming flower-within-the-flower effect. **All Colors Mixed. Pkt. 10c.**

FOXGLOVE, Digitalis (b) Grp. 5

This ornamental hardy plant is used extensively for naturalizing in shrubbery borders and along the edges of woods. It grows well under almost any conditions, giving a wealth of bloom during June and July. Height, 4 to 6 feet.

Shirley Mixed. Pkt. 15c.

GAILLARDIA

Blanket Flower (a and p) Grp. 5

Tones of orange, yellow, red, and maroon, often beautifully combined in a single blossom, make these flowering plants gay ornaments of the garden all summer. Height, 1 to 2 feet.

Grandiflora Portola Hybrids. (p) Semi-double blooms of magnificent size and broad overlapping petals, golden tipped around glowing centers of bronzy red. **Pkt. 10c.**

Sunshine Hybrids (a). A double type in extremely vivid tones of orange, yellow, gold and red. Mixture only. **Pkt. 25c.**

DELPHINIUM (p) Grp. 5

Sow in early spring and place in gentle heat. Cover seed pots or flats with a sheet of glass covered with newspaper. Remove glass and paper when seeds begin to germinate. Keep pots or flats of germinating seeds in a shaded place until germination is complete, after which more light can be given. Do not expose to high temperatures or strong direct sunlight until plants are well developed.

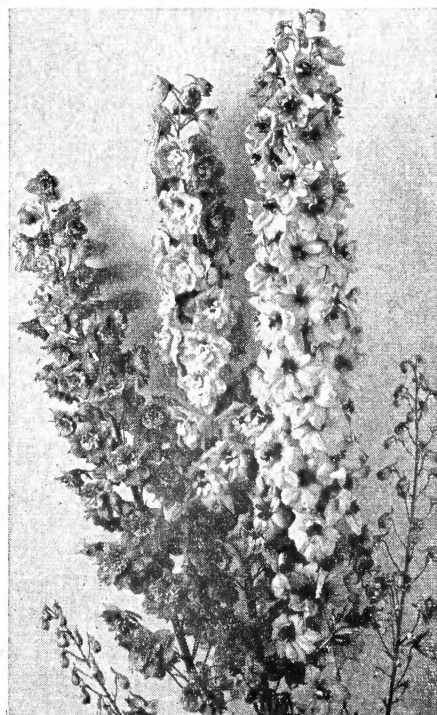
Pacific Hybrids. A new strain of Delphiniums originated on the Pacific Coast to grow under Pacific Coast conditions. Huge flowers, 2½ to 3½ inches across, beautifully spaced on well balanced tall spikes. Highly resistant to mildew. Color range excellent and comes practically 100% double florets.

Mixed. Pkt. 35c.

Blackmore and Langdon Hybrids. Without question the finest strain of large flowered hybrid Delphiniums. Various shades and color combinations in the individual flowers. Will produce amazingly large flowers and spikes. **Pkt. 25c.**

DIANTHUS, See Pinks

DELPHINIUM
PACIFIC HYBRIDS



GEUM, *Avens* (p) Grp. 5

Beautiful hardy perennials, bearing profusely large, showy, double flowers all through the summer. An elegant flower for bouquets. Height, 18 inches.

Lady Stratheden. Golden yellow, full large flowers of great beauty. Pkt. 15c.

Mrs. Bradshaw. Large, double, brilliant orange-scarlet. In flower throughout the entire summer. Pkt. 15c.

GOSETIA, *Satinflower* (a) Grp. 2

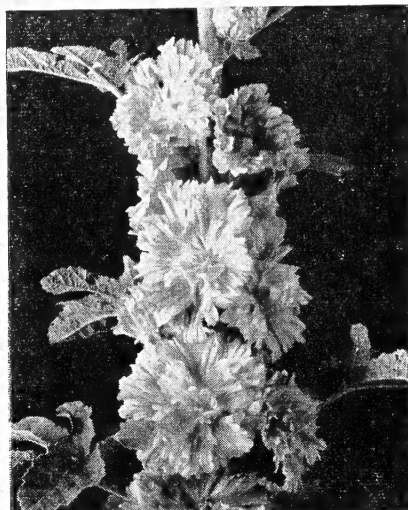
Very handsome annual plants, especially suited for semi-shady locations. Sow in spring in the open and thin to 8 or 10 inches apart. The flowers are not unlike the Azalea in form.

Tall Double. Long graceful spikes are decorated with double blossoms resembling satin pompons one above another. Height, 2 feet. Pkt. 15c.

ORNAMENTAL GOURDS

(ac) Grp. 3

Ornamental Gourds are easily grown in rich soil, where they will produce plenty of fruits. They may be trained on trellises and the ripened fruits used for ornaments. Special mixture of large and small kinds. Pkt. 10c.



HOLLYHOCK, INDIAN SPRING

HOLLYHOCK, *Althaea* (p) Grp. 5

The beautiful color effects produced by the planting of these flowers render them indispensable for the old-fashioned garden or the herbaceous border. Height, 6 to 12 feet.

Indian Spring. (a) Semi-double annual flowers of bright rose and rosy carmine. Its many flowered branches produce a continuous show until frost. Sow fall or early spring. Flowers five months from seed. Pkt. 15c.

Chater's Double. (p) Well formed fully double flowers in long straight spikes. Deep rose, salmon rose, scarlet, sunflower yellow, and white. Pkt. 15c.

LINARIA

Miniature Snapdragon (a) Grp. 3

This interesting annual bears flowers which resemble miniature Snapdragons ending in single elongated spurs. Height 8 to 18 inches.

Fairy Bouquet. Small spikes of dainty pastel flowers. Fragrant. Free-flowering and lovely in the border. Pkt. 15c.

LARKSPUR (a) Grp. 3

Annual Delphinium with long floral spikes of double blossoms.

GIANT IMPERIAL. Upright compact basal branching plants producing delphinium-like spikes of double florets on stout stems.

Carmine King Improved. Rich, deep carmine and salmon flowers on long spikes; 3 to 4 ft. stems. Pkt. 15c.

Finest Mixed. Pkt. 15c.

SUPREME LARKSPUR

A superb strain of base branching, huge spikes of fully double, wide petaled flowers. The plants are tall, of upright habit and uniform height.

Supreme Mixture. Dark blue, lilac, pink, rose, salmon, white, plus additional colors from the originator's special plantings. Pkt. 15c.

Salmon. Rich true salmon. See novelty page in front.

REGAL LARKSPUR

Regal Mixture. (New!) Tremendously long spikes of huge, well spaced florets distinguish this new strain of florist's market Larkspur from all other strains. It retains the desirable height and basal branching habit of the Giant Imperials, but has Delphinium-like florets on long, thick spikes. Vigorous and early. Pkt. 15c.

Regal Lilac. See novelty page in front.

LOBELIA (a) Grp. 4

A dainty and continuous blooming annual of compact growth, remarkable for its profusion of beautiful blue flowers. Unexcelled for edging, ribbon beds, hanging baskets or window boxes. 6 in.

Compacta, Crystal Palace. Erect and very free blooming. Best dark blue for edging. Fine for pots. Pkt. 15c.

Sapphire. A superb variety of pendulous habit; large deep blue flowers with conspicuous white eye. For hanging baskets and window boxes. Pkt. 15c.

LUPIN, *Sun Dials* (p) Grp. 1

Russell Lupins. Long, closely set spikes of flowers in a great variety of rich colors—deep yellows, oranges, reds, bi-colors. The florets are large with flat fan-like back standards, and unlike all other Lupins, most of the spikes retain their florets throughout the whole period of development. Pkt. 25c.

MIGNONETTE RESEDA

(a) Grp. 4

This old-fashioned flower still enjoys the greatest popularity. Grown for its sweet perfume, which is most pronounced when grown in a light sandy soil. Height, 6 to 10 inches.

Machet Mixed. Pkt. 10c.

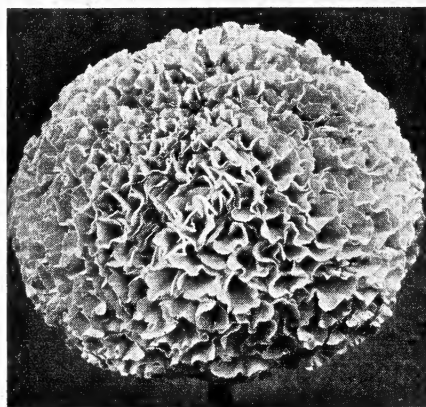
MARIGOLD (a) Grp. 2

AFRICAN TALL DOUBLE (*Tagetes erecta*). Very large globular flowers composed of compact tubular or quilled petals. Height, 2½ feet.

Orange All Double. An improved strain which produces practically one hundred per cent double flowers. Pkt. 10c.

Lemon All Double. A fluffy fully doubled variety with pale yellow blooms loosely quilled. Pkt. 10c.

Mixed Pkt. Pkt. 10c.



MARIGOLD, ORANGE ALL DOUBLE

CARNATION FLOWERED, Guinea Gold (African). Carnation-like petals and unusually brilliant golden color make this flower outstanding among Marigolds. It lacks much of the pungent odor of other Marigolds. The plant blooms very freely. Height, 2 feet. Pkt. 15c.

Gigantea, Full Double Mixture. Flowers are largest ever known in Marigold. A mixture ranging from deep orange through golden orange, deep golden yellow, light yellow, lemon yellow, and a delightful new shade of primrose. Pkt. 15c.

CHRYSANTHEMUM FLOWERED, Mammoth Mum. (All America 1944.) Light yellow, ball shaped flowers, up to 3½ inches across, and 2 to 2½ feet tall. An excellent florist item. Pkt. 25c.

DWARF FRENCH, Double Harmony Hybrid. Without question one of the very finest Marigolds introduced. Flowers charming and distinct. Scabiosa-like in formation with colors ranging from yellow to gold, orange, and red. Plants are dwarf, about 1½ ft. high, compact, free blooming. Early and attractive for cutting. Pkt. 15c.

DWARF FRENCH SINGLE, Naughty Marietta. (All America.) Wide open single flowers, 2½ inches across, of rich golden yellow attractively blotched maroon at base of petals. Freely borne on compact 1-foot plants. Early and continuous bloomer. For beds and borders. Pkt. 15c.

EXTRA DWARF HARMONY. An extremely dwarf form of Harmony. The low ball shaped plants are literally covered with deep golden yellow flowers edged maroon-red. A real gem for edgings or pots. Pkt. 15c.

Scarlet Glow. Single, 10 inches tall, well covered with flowers 1½ inches across, which vary interestingly from deep scarlet to tangerine yellow. Pkt. 15c.

MINIATURE. Yellow Pygmy. Light lemon yellow. Lilliput French double type, growing only 8 inches tall and compact. Flowers 1¼ inches across, freely producer. Excellent for edging and potting. Pkt. 15c.

Miniature Spry. Extra dwarf, double French type; compact and uniform, so may be used for edging. About 9 inches tall, early blooming, with very light orange crested center and maroon outer petals. Profuse flowering. Pkt. 15c.

MORNING GLORY

Ipomoea (ac) Grp. 1

Climbers of rapid growth, with beautiful and varied flowers, invaluable for covering walls, trellises, arbors.

Blue Star. (All America 1948.) A fine sky blue accentuated by five deeper blue mid-ribs to form an attractive star. The large flowers are produced profusely on 8 to 10 foot vines. Early blooming. Pkt. 15c.

Heavenly Blue. A variety that is bringing new popularity to Morning Glories. It is an early blooming climber, literally covered with lovely flowers of sky-blue. Flowers 3½ inches across and blooms until frost. Pkt. 10c.

Pearly Gates. Glistening white flowers are 4 inches or more across when fully open. The vigorous, rapid growing vines produce many flowers. Pkt. 15c.

Scarlett O'Hara. An entirely new, rich dark wine red or deep rosy crimson. Flowers 4 inches in diameter, freely produced on fast growing vines. Very showy for covering a fence or trellis. The dark green foliage does not make a heavy growth, leaving plants graceful in appearance. Pkt. 15c.

Mixed Imperial. These are beyond question the handsomest of all Morning Glories. Flowers of gigantic size. Pkt. 10c.

NASTURTIUM (a) Grp. 1

GLORIOUS GLEAM HYBRIDS. Delightfully sweet scented; semi-double. Color range includes brilliant blend of salmon, golden yellow, orange scarlet, cerise, cream, orange, maroon, and crimson shades. Mixed. Pkt. 10c.

Golden Gleam. Golden yellow, sweet scented. Pkt. 10c.

Scarlet Gleam. Fiery scarlet. Pkt. 10c.

DWARF SEMI-DOUBLE GEM MIXTURE. An evenly balanced range of colors on dwarf, compact plants. Ideal annual for border and edging use. Plants are dwarf and compact, totally without runners. Pkt. 15c.

DWARF OR BEDDING VARIETIES. Single flowers of dwarf, compact growth. Excellent for borders or for bedding, forming plants about 1 foot high by 1 foot across. Finest Mixed. Pkt. 10c.

TALL or CLIMBING NASTURTIUMS. For covering trellises, fences, arbors, trailing from vases, over rock-work, etc., nothing can equal their great quantities of bloom from early summer until frost. The seed pods can be gathered while green and tender for pickling. Height, 8 to 10 feet. Single. Finest Mixed. Pkt. 10c.

NEMOPHILA (a) Grp. 1

Small cup-shaped blossoms which are fine ground cover for bulb beds. Grows about 6 inches high.

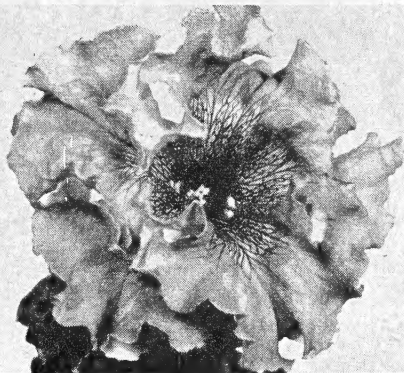
Baby Blue Eyes (Insignis Blue). Sky blue with white eyes. Pkt. 15c.

NEMESIA (ra) Grp. 4

This plant is excellent for edging purposes. Plants send up many slender stalks crowned with fairy-like flowers, something like a Schizanthus. When the flowers fade they may be trimmed back and will bloom again. Their colors run from the brightest reds, yellows, oranges, to the brightest blues and purples.

Compacta Triumph, Finest Mixed Colors. Height 6 to 12 inches. Pkt. 25c.

PETUNIA (a) Grp. 4



Petunia seed is very fine and will germinate best when covered very lightly (about 1/16") with finely sifted soil. To avoid washing the seed out of the soil, water with a very fine, gentle spray. A pane of glass over the seed flat or pot will aid greatly in keeping the soil evenly moist. Transplant seedlings to flats or pots of rich, light soil when large enough to handle.

Though Petunias grow best in cool conditions, the seed will germinate most readily in heat, such as provided by a hot bed or warm greenhouse.

PETUNIA GRANDIFLORA (Large Flowered)

Dazzler. A new low-growing variety that maintains its uniform habit throughout the season. The color is a dazzling orange scarlet. Invaluable for borders and bedding. Pkt. 25c.

Elk's Pride. Large deep purple. Pkt. 25c.

Flaming Velvet. A very large grandiflora single type with plain edge. The color is luscious velvety blood red. Pkt. 25c.

Snowstorm Improved. Glistening white shading yellow in throat. Pkt. 25c.

PETUNIA FRINGED AND RUFFLED Fluffy Ruffles. A ruffled, laced and frilled type of Petunia that has the appearance of being almost double. Flowers are very large with a deep throat. The mixture is well balanced with shades of pink and white, salmon, salmon pink, deep rose, rose, crimson, and light blue. Pkt. 25c.

Supreme Strain. A new strain of many colors and shades. Light, richly-veined throats surrounded by satiny petals which are heavily ruffled. Large blooms, 5 to 7 inches in diameter. Excellent for bedding, window boxes. Pkt. 25c.

GIANTS OF CALIFORNIA. See novelty page in front.

Ramona Strain. A dwarf sturdy growing type especially suited to pot culture. Flowers are beautifully ruffled and fringed with open well-marked throats. Dark and light shades mixed. Pkt. 25c.

HYBRIDA NANA COMPACTA. 1 ft. A fine type of Petunia for small beds and borders; often used for pot culture. This Petunia keeps its dwarf stature throughout the blooming season.

Fire Chief. For description and color illustration see novelty page in front.

Glowing Rose. This single bedding Petunia produces mound-shaped plants completely covered with large glowing rose flowers. It starts to flower a month ahead of most nana compacta varieties and remains in bloom as long as the later kinds. Pkt. 25c.

Heavenly Blue (Silver Blue). Enchanting shade of light silvery blue. Dwarf. Pkt. 15c.

Rosy Morn. Soft, rosy pink with white throat. Pkt. 15c.

Ruffled Nana compacta (Little Giants). Ruffled, deep-throated, ball-shaped flowers of medium size continue to keep the plants completely covered all season. 3-inch blooms in unusual colors range from deep crimson to white in unique shades and markings. Mixed Pkt. 25c.

Velvet Ball. Deep mahogany red flowers, larger than others. Pkt. 25c.

Mixed. Pkt. 15c.

PETUNIA LARGE FLOWERED FRINGED

Theodosia. Soft rosy pink with contrasting golden yellow veined throat. An outstanding variety in this class. Pkt. 25c.

For the Rock Garden

ROCK GARDEN ANNUALS

Mixed

This mixture of over 30 varieties, not exceeding 12 inches in height, will provide blooms through the entire season. Planted as early as possible, the gardener should have blooms by the end of May. A succession of blooms will follow until late fall when frost will destroy the flowers. A second lot of blooms may be enjoyed on most plants if they are cut back to two inches of the crown and properly watered. Pkt. 25c.

DIANTHUS, Perennial Rock Garden Mixture

Twenty varieties of unusual species of dwarf perennials. When well grown, many plants will produce such an abundance of blooms that daily cutting of flowers will not decrease the loveliness of the plant. With an occasional replanting should last several years. Pkt. 25c.

ROCK GARDEN PERENNIALS

Mixed

A mixture of over 50 rare rock garden perennials with a maximum height of six inches. Some of the items will bloom almost as soon as the frost is out of the ground. Others will bloom later in the year, insuring the grower blooms all season. A planting, carefully made in a suitable place, should remain a beauty spot for a number of years without re-seeding if given minimum care. Pkt. 25c.



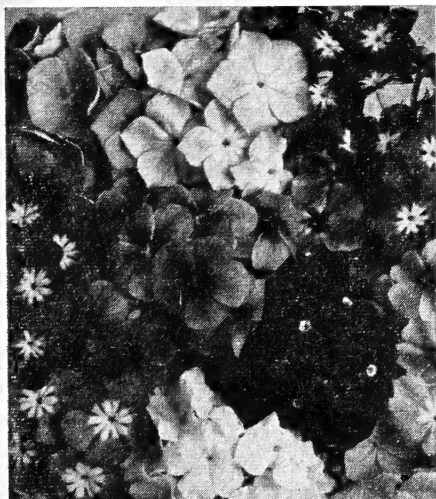
PANSY, Heart's Ease (b) Grp. 5
Popular Bedding Mixture. These are the popular saucy-faced beauties that everybody loves, comprising the finest varieties in all colors. Pkt. 25c.

Steele's Butterfly Hybrids. See novelty page in front.

Swiss Giant. Within the last few years the blossoms of this strain have been remarkably improved in every way. The plants are compact in habit and produce immense flowers for a long blooming season. Attractive shades. Pkt. 50c.

PHLOX DRUMMONDI (a) Grp. 2

Well branched plants with large clusters of many beautiful round-petaled flowers which grow about 1 inch across. Varied colors and color combinations. Mixed Shades. Pkt. 15c.



PHLOX DRUMMONDI

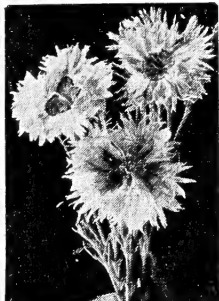
Gigantea Art Shades. The individual flowers of this type are large and borne most freely in massive trusses on strong, upright plants. Excellent for borders and beds as well as for cutting. Mixed colors only. Pkt. 25c.

PINKS, Dianthus

Plant in full sun in any good garden soil. Sow in spring when danger of frost is past.

Dianthus—Sweet Wivelsfield (a) Grp. 2. This annual has a great variety of color and long blooming season. Magnificent bedding subject. Single Mixed. Pkt. 15c.

Heddewigi Gaiety (a) Grp. 2. The best annual garden pink. The large fringed flowers have a bewildering variety of pink, white, red and maroon coloring, in decorative patterns on dwarf plants. There are numerous double and semi-double forms. Pkt. 25c.



Heddewigi (Double) (a) Grp. 2. 10 inches. Very desirable pink in many color combinations for rock garden or borders. Pkt. 10c.

Dianthus plumarius (The Cottage Pink or Grass Pink) (p) Grp. 5. Lacinated, fragrant "pinks" in shades of rose and white on stems to 1½ feet high. Forms a dense mat of narrow leaves. Very hardy and long living. A garden favorite the world over. Double. Pkt. 10c.



PANSY, SWISS GIANT

POPPIES, Papaver

Poppies have long been favorite garden flowers for their delicacy, as well as the simplicity of the buds and neatness of the foliage. The pure colors and fine texture of the petals make a good showing in the garden. All are easily raised from seed which should be sown where the plants are to remain, later thinning to 8 or 12 inches between plants. In the North, sow in the open ground as early as possible in the spring; in California, sow from October to March.

Oriental Poppies (p) Grp. 5. Hardy plants with numerous leafy stems about 2½ feet bearing large showy flowers with a conspicuous black blotch on each petal. Mixed. Pkt. 25c.

ICELAND POPPY (p) Grp. 5. (Nudicaule). A hardy Poppy slightly resembling Shirley.

Art Shades. Exceptionally fine large flowers, beautifully fluted and soft-textured, on long, wiry stems. Colors include lovely pastel shades; apricot, cream, gold, biscuit, pink, white and various shades of rose. Magnificent as a cut flower. Pkt. 25c.

SHIRLEY (a) Grp. 1. Most charming Poppy for the garden. The plants, with their deeply cut foliage, slender, hairy stems and silky petaled blossoms, often fluted, present a gay, airy picture. Height, 18 inches. Pkt. 15c.

Shirley Double Mixed. Mixture of the best colors. Full double and semi-double flowers in a great variety of colors. Pkt. 15c.

Sweet Briar (Double Annual Shirley). Full, double begonia-like flowers of a beautiful deep rose pink. One of the finest strains of double Shirleys for the garden. Pkt. 25c.

CALIFORNIA POPPY Eschscholtzia (a) Grp. 1

Aurantiaca, Orange. The famous California Poppy. Brilliant Mixed. Pkt. 10c.

Grandiflora Hybrids. Large flowering varieties in the most exquisite shades of gold, copper, bronze, scarlet, purple and crimson. Mixed Colors. Pkt. 10c.

PORTULACA Moss Rose (ra) Grp. 1

Brilliant hardy annual of easy culture; excellent for massing in beds, edging or rock work, thriving best in a light, sandy soil and a sunny situation. Flowers of the brightest colors. Height, 6" to 10".

Double Mixed. Pkt. 25c.

Single Mixed. Pkt. 15c.

RESEDA, See Mignonette

SALPIGLOSSIS Painted Tongue (a) Grp. 2

For delicate grace, richness of coloring, and velvety texture, the regal salpiglossis has practically no equal. From a low base of leaves rise slender wiry stalks which bear one or more large Lily-like flowers in a magnificent range of colors. Height, 1 to 2½ feet.

Superb Mixed. Pkt. 15c.

POT MARIGOLD, See Calendula

SALVIA, Flowering Sage

Scarlet sage is usually treated as an annual. Start the seed from January to May, and set out plants when weather is warm. Perennial in mild climates.

Bonfire Grp. 4. The crimson spikes grow erect above the foliage, forming handsome globular bushes. Pkt. 25c.

SCHIZANTHUS, See Butterfly Flower

SCABIOSA Pin Cushion Flower (a) Grp. 2 (Not too good in very hot climates)

Imperial Hybrids. A much improved Blue Moon type flower, entirely different from the existing Scabiosa varieties. Fully double, extremely large and deep. Petals broad and wavy, entirely eliminating the pincushion center; rich varied colors. Tall growing and very upright with long, wiry stems. Ideal for cutting. Pkt. 15c.

Salmon Beauty. Pure salmon with huge flowers. Vigorous. The stems are long and stiff, making it a most popular flower for garden or cutting. Pkt. 15c.

Blue Moon. Very large well formed fully double flowers of deep lavender blue. Upright habit, strong, wiry stems. A superb cut flower. Pkt. 15c.

HARDY PERENNIAL VARIETIES

Caucasica (p) Grp. 5. Giant Hybrids (Isaac House Strain). Fringed and ruffled, shades of blue from lavender to dark blue; very large flowers. Pkt. 25c.

SNAPDRAGON

Antirrhinum (a) Grp. 4

SUPER GIANTS, RUST RESISTANT

Autumn Shades. A combination of the most popular colors in Snaps. Pkt. 15c.

Defiance. A beautiful flame red with a touch of orange. Pkt. 15c.

Shasta. A beautiful white with just a touch of yellow at petal base. Pkt. 15c.

Finest Mixed. Pkt. 15c.

TETRA. Largest flowered of all snapdragons, many individual flowers are ruffled. A superfine mixture including all the best snapdragon shades; orange, yellow, peach, canary, bronze, orchid, crimson, scarlet, pink, white. Main spike 2½ feet tall with many laterals. Excellent for cutting. Mixed. Pkt. 25c.

STOCKS, Gilliflower (a) Grp. 4

These popular flowers are easily grown, are so highly fragrant, and of such great beauty that they deserve a place in every garden. The Early Giant Imperial class are half-hardy annuals. Stocks are biennials, but if sown in early spring will bloom the same year. Valuable for winter forcing. In California Stocks are popular winter annuals.

Double Large Flowering Dwarf Ten Weeks. A wonderful strain for bedding. Pkt. 10c.

Beauty of Nice. It follows the Ten Weeks class in season of bloom. The plants are pyramidal in shape, branching above the base. Excellent for bedding and cutting. Height, 16 inches.

Finest Mixed Colors. Pkt. 15c.



STOCKS, GIANT IMPERIAL

GIANT IMPERIAL. Long stems and imposing spikes of large flowers make this the outstanding variety. It is about as early as *Beauty of Nice* and resembles it in habit, except that the plant is less spreading and taller. Height, 2 feet.

EVENING SCENTED STOCKS

(a) Grp. 3

Matthiola Bicornis. The flowers are small, mauve colored, similar to the Virginian Stocks but are delightfully fragrant toward evening. They are especially sweet after a rain. Pkt. 10c.

STRAWFLOWER or IMMORTELLE

HELICHRYSUM (a) Grp. 2. The finest of all Everlastings. They make unusually fine winter bouquets if cut when partially opened and dried slowly in a dry place, heads downward to keep the long stems straight. The centers of the double pompon-like flowers are nearly covered by the stiff overlapping petals. A wide range of brilliant and soft colors. Height, to 3 feet. **Finest Mixed.** Pkt. 10c.

SUNFLOWER

Helianthus (a) Grp. 2

Sun Gold. New. Large double flowers of brilliant golden yellow. Free flowering. Pkt. 10c.

Red Sunflower. Tall single flowered variety with bright red blossoms. Pkt. 10c.

SWEET PEAS

Sweet Peas are deep rooting and heavy feeding plants. We recommend a trench to be dug about 18 inches deep and 18 inches wide. In the bottom fork in about 6 inches of well-rotted manure. Fill in with soil in which is mixed a liberal quantity of well-rotted manure.

Sow the seeds in a trench 6 to 8 inches deep. Cover about 2 inches and fill in the trench as the plants grow. Use one ounce of seed to 20 feet of row and thin plants to 4 or 5 inches apart. Fall sowing gives finer flowers and longer stems and a slightly longer period of bloom.

If flowers are kept picked and seed prevented from forming more and better blooms will be produced. Avoid overhead watering as it causes the flower buds to drop.

In California, Early Flowering varieties are sown about August 1 and throughout the winter months. If sown in August they will bloom by November. Keep the surface of the bed cool by using a light mulch.

SPENCER SWEET PEAS

All Colors: Pkt. 15c.

PINK AND ROSE SHADES

Jack Hobbs. Cream pink, flushed scarlet. One of the largest Sweet Peas ever introduced.

Miss California. The color is a beautiful shade of rich pink, deeply flushed and shaded with salmon. Unsurpassed for either exhibition or cutting purposes.

Rose Pink. Silver Medal, All-America Selections, 1940. Large, wavy, rose-pink flowers on white ground. New type, maturing between the early flowering and the Spencer classes. Is taller and has longer stems than either of the others.

Patricia Unwin. Salmon pink on a cream ground.

Pinkie. Rose-pink with large and frilled flowers. Seldom affected by weather. First-class blooms can be cut all during its long blossoming period.

LAVENDER AND BLUE SHADES

Ambition. Rich deep lavender, with a darker shade on the base of the standard and wings, lessening as the bloom ages. Gold Medal and Award of Merit.

Flagship. Deep navy blue.

WHITE AND CREAM SHADES

Gigantic. An enormous white frilled flower of exquisite texture and artistic form. Black seeded.

Cream Gigantic. Large ruffled flowers of perfect form, free from pink or blush tinge. Black seeded.

ORANGE AND SALMON SHADES

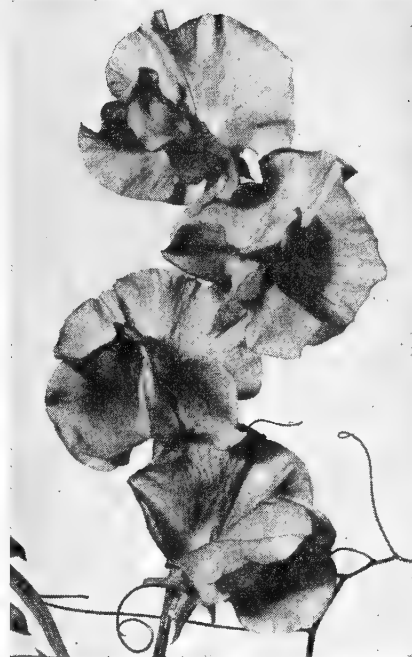
Prince of Orange. Best deep orange.

Smiles. Clear glistening salmon best describes this exquisite variety. The large flowers are beautifully waved and fluted.

CERISE SHADES

Artiste. Clear Geranium pink; a rare color. Flowers are large and quite frilled. An outstanding Sweet Pea.

Mrs. A. Searles. Salmon-cerise, emerging into a soft oriental red. A remarkable and distinct color.



CUTHBERTSON SWEET PEA

RED SHADES

Red Boy. Deep crimson; an abundance of velvety flowers on long stems.

Welcome. By far the best and most brilliant, dazzling, scarlet Sweet Pea. For exhibition or gardens it is supreme. Absolutely sunproof.

MAROON AND PURPLE SHADES

Warrior. Rich chocolate maroon. A magnificent variety which has held its place and popularity for a number of years.

Olympia. Deep rich purple of graceful form and immense size.

Giant Waved Sweet Peas Choice Spencer Mixed

This mixture is grown from a special formula which has been built up and perfected during many years. It contains over forty of the very best standard varieties of the most recent introductions, all waved and giant flowering. Pkt. 15c.

THE NEW CUTHBERTSON SWEET PEA

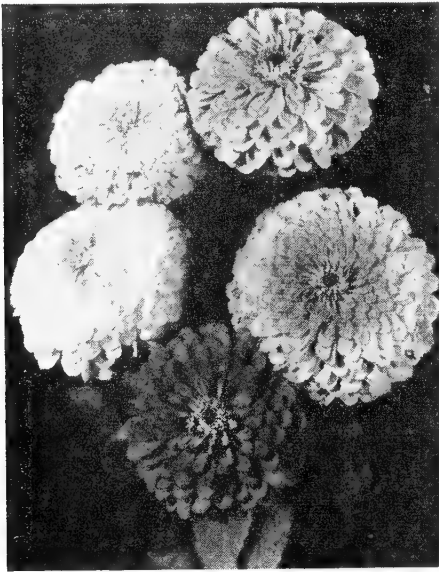
The new Cuthbertson strain is the greatest development in Sweet Peas for many years. Heat and drought no longer spell the end to the Sweet Peas in the garden. Where other types do not perform well, Cuthbertson's are the answer. They are very rugged, producing tremendous blooms on long stems and are ten days earlier than Spencers.

Cuthbertson Sweet Peas are now available in a complete color range, and since they are vigorous under all conditions, they will make a nice showing where the Spencer types cannot be favorably grown.

Cuthbertson's Mixed Blend. An excellent range of 25 to 30 colors, well balanced. Pkt. 15c.

ZINNIA (a) Grp. 1

One of the most showy and satisfactory of our hardy annuals for beds, mixed borders and for cutting purposes. Easy to grow in any good garden soil. They commence flowering early in summer and continue until frost.



CALIFORNIA GIANTS. This variety is taller than the Dahlia flowered type, 3 to 4 feet high, with long stems which make the flowers fine for bouquets. The blooms are large, flat and very graceful. **Finest Mixed Shades. Pkt. 15c.**

DOUBLE DAHLIA FLOWERED. 2½ feet. Enormous double flowers are produced on robust branching plants. The flowers usually have slightly hollowed center ringed with small tubular florets. Crisp, fresh appearance.

Dream. Deep rosy lavender. **Pkt. 15c.**
Exquisite. Light rose, deep rose centers. **Pkt. 15c.**

Golden Dawn. Golden yellow. **Pkt. 15c.**

Illumination. Deep rose self. **Pkt. 15c.**

Oriole. Orange and gold bicolor. **Pkt. 15c.**

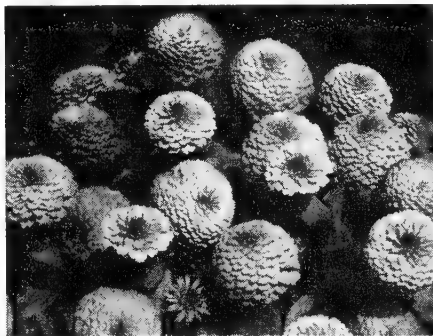
Polar Bear. White. **Pkt. 15c.**

Scarlet Flame. Bright scarlet. **Pkt. 15c.**

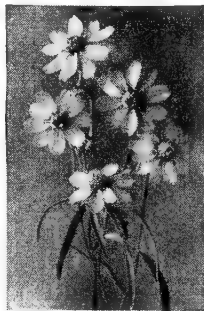
Mixed. Pkt. 10c.



ZINNIA LILLIPUT



ZINNIA TOM THUMB



ZINNIA LINEARIS

SWEET SULTAN Centaurea (a) Grp. 2

These beautiful long stemmed flowers with their soft velvety heads make very enchanting bouquets. They measure 2 to 2½ inches across while the entire plant stands about 2½ to 3 feet tall. You can grow them readily in any garden soil. Red, lavender, rose, yellow and white. **Fragrant. Mixed. Pkt. 10c.**

LUTHER BURBANK ZINNIA. This fine new variety produces flowers 5 to 5½ inches across and are of the loveliest, delicate pastel or art shades. Some are of one color, others have unusual beautiful two or three-color combinations with here and there an occasional pale lavender or light orange. 3 to 4 ft. tall. **Pkt. 25c.**

FANTASY. A new Zinnia type. Shaggy, medium sized flowers. Plant 2½ to 3 ft. high. Free blooming. Excellent cutting. **Mixed Shades. Pkt. 15c.**

Wildfire. A rich, dazzling scarlet. Plants neat in habit, strong growing, and very free blooming, 2½ to 3 feet in height; coming into flower 45 to 50 days after seed is sown. **Pkt. 15c.**

RED RIDING HOOD. 1 ft. Of compact form, covered the entire season with double scarlet flowers not over an inch across. Effective in borders. **Pkt. 15c.**

DOUBLE LILLIPUT. 15 inches. A charming dwarf which is excellent for low borders or edgings. The plants are of tidy habit and produce a bounteous supply of very double pompon flowers about 1½ inches across in bright pastel shades. **Mixed. Pkt. 15c.**

TOM THUMB. Compact, 6 to 8 inch high plant, covered with well-formed lilliput flowers. Available in wide color range. Excellent for pots and borders. **Pkt. 15c.**

LINEARIS. This little dwarf variety of Zinnia is most unusual and interesting. The flowers are single and of a lovely shade of golden orange, with a delicate lemon yellow stripe through each petal. Blooms are produced in great profusion. Height, 8 to 10 inches. **Pkt. 15c.**

TITHONIA (a) Grp. 1

Torch (All America Top and Silver Medal Winner 1951). Described and pictured in color on inside front cover.

SWEET WILLIAM Dianthus Barbatu (b) Grp. 5

A well known, attractive, free-flowering hardy biennial, producing a splendid effect in beds and borders with their rich and varied flowers. Height, 10 to 20 inches.

Single Varieties. Mixed. Pkt. 15c.

Double Varieties. Mixed. Pkt. 15c.



VERBENA, HYBRID GIANTS

VERBENA (a) Grp. 4

One of the most popular garden annuals for beds and massing and for a gorgeous display during the summer months. Cannot be excelled, commencing to flower in July and continuing until frost. Height, 6 to 8 inches.

Floradale Beauty. Bright rose-pink to deep rose-red of exceptional brightness. Individual florets of perfect form. **Pkt. 15c.**

Spectrum Red. Huge, vivid crimson flowers. **Pkt. 25c.**

Sutton's Blue. Well rounded flowers, balls of deep royal blue. **Pkt. 25c.**

Hybrid Grandiflora Giant. Mixed. Very large flowers in lavender, white, pink and rose-red. **Pkt. 15c.**

VIOLA, Tufted Pansies (a) Grp. 4

Our Gay Mixture. This blend of bright gay colors far surpasses any mixture of Violas we have seen. Bright shades of self colors of red, yellow, blue, and apricot combined with many shades which are blotched, undoubtedly make these Violas a supreme mixture. **Pkt. 25c.**

WALLFLOWER Cheiranthus (Grp. 5)

English Wallflower (p) Spring blooming low erect perennial, in appearance much like stocks but flowers include yellow, yellow-brown, red and almost black. Sweetly fragrant. In mild climates plant in fall for early spring bloom and where winters are severe they should be carried over in a frame and set out early in spring. May be sown early in March for bloom the first year but the former method gives better plants. **Pkt. 15c.**

Siberian Wallflower (Cheiranthus Allioni) (b). This unusual little plant deserves a place in your rock garden or low border. Upright spikes bear numerous four-petaled flowers of dazzling rich orange. Flowers the first season from seed and when established will bloom all summer. Height, 1 foot. Single. **Pkt. 15c.**



VIOLA—TUFTED PANSIES

*Decorate Your Home with
Your Own Home-grown Flowers*



GIANT SWISS
PANSY



CARNATION



COSMOS, RADIANCE

TETRA
SNAPDRAGONS

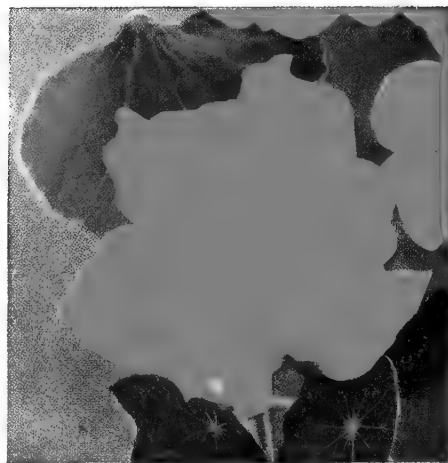


MARIGOLD
NAUGHTY MARIETTA





←
SWEET
PEAS

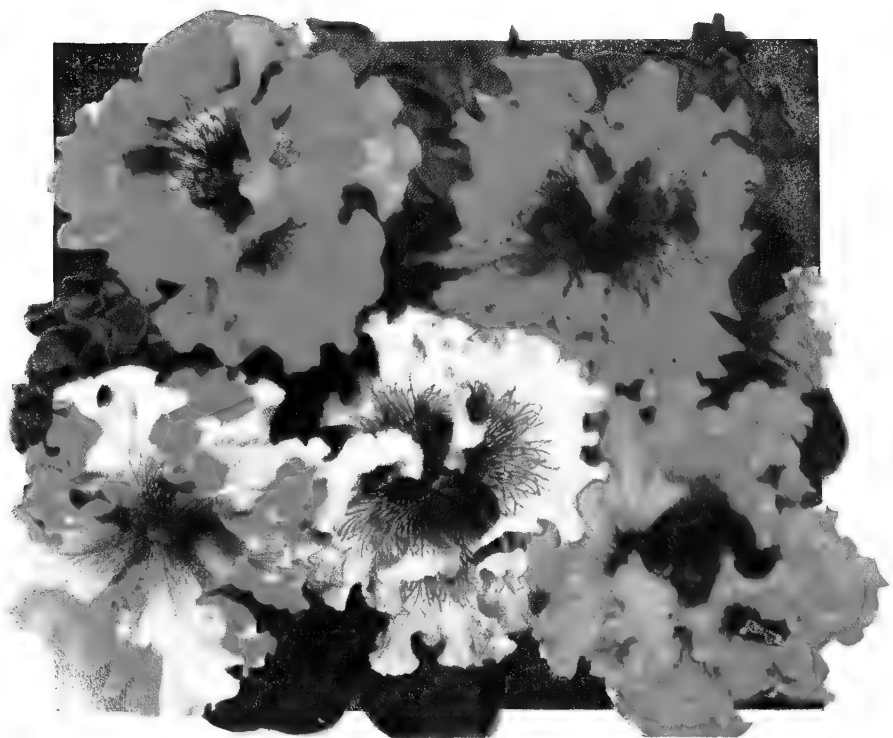


GOLDEN GLEAN DOUBLE NASTURTIUM



DAHLIA FLOWERED ZINNIAS

PETUNIAS
CALIFORNIA GIANTS
▼



ANNUAL PHLOX MIXED

LAWN SEEDS

... from a "home" seedsman who knows the lawn needs of this territory!

The only way to thick, lasting turf is to sow a mixture of true turf grasses suited to your soil and climatic conditions, and the only way to get such a mixture is to depend on a seed specialist who knows your territory.

GET OUR
PRICES
BEFORE
YOU BUY

Monarch VELVETY LAWN GRASS MIXTURE

PLANT
QUALITY
SEED
IT PAYS

THIS PERFECTLY BLENDED LAWN GRASS MIXTURE WILL GIVE YOU A LAWN YOU CAN MOW IN SIX WEEKS FROM PLANTING. Velvety Lawn Grass Mixture is a combination of grasses and clover mixed in such proportions as to give you a quick, sturdy, beautiful lawn. The faster growing grasses contained in Velvety Mixture serve as nurse crops for the slower growing varieties which are eventually the dominating grasses of the mixture.

We placed Velvety Mixture on the market many years ago and, from time to time have improved the blend by reducing some of the proportions and increasing the quantities of better grasses contained in the mixture until now in our Improved Velvety Mixture we have a grass that pleases wherever it is planted. The rate of seeding for a high quality, thick lawn is 1 pound to 250 square feet. 1 lb. \$1.25; 10 lbs. \$11.50.

FOR A FINER
LAWN . . .
FERTILIZE

Monarch SHADY LAWN MIXTURE

FOR GROWTH IN
SHADE . . .
FERTILIZE

It is difficult to grow a lawn under the shade of trees, unless shade-loving grasses are used. We have made up a mixture of such grasses in combination with White Dutch Clover. This mixture will produce a luxuriant lawn beneath the shade of trees.

Our Shady Lawn Mixture will solve that "shade problem" and give you the turf you have always wished for. Shade-loving grasses dominate this mixture, insuring success in your efforts to get grass started under shade trees. Seeding is 1 pound to 250 square feet.

1 lb. \$1.65; 10 lbs. \$15.50

STRAIGHT LAWN SEEDS

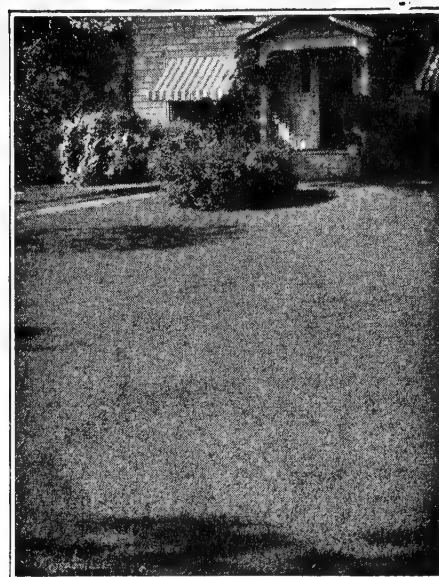
Kentucky Bluegrass—The favorite of a lot of people. Rich green in color, thrifty and quick developing. Kentucky Bluegrass is the main ingredient of all good lawn-grass mixtures. 1 lb. \$1.60; 10 lbs. \$15.00.

Creeping Red Fescue—This is the lawn grass that combines the close growing qualities of Bent grass with the dark green color of fescue. The blades are of very fine texture, and the grass most sturdy and hardy. 1 lb. \$1.35; 10 lbs. \$12.50.

Highland Bent Grass—This is the grass used for the finer lawns. It does well in sunny or partly shaded spots but it is not a shady spot grass. It is particularly adapted to interior regions. 1 lb. \$1.85; 10 lbs. \$17.50.

Chewing Fescue—A valuable grass which is especially good in shady places. Produces an upright turf of very fine texture. 1 lb. \$1.30; 10 lbs. \$12.00.

White Dutch Clover—Extra fancy seed, free of weeds, of high germination. 1 lb. \$1.35; 10 lbs. \$12.50.



FOR SUNNY PLOTS

We offer you a fine mixture of sturdy, hardy grasses that thrive in locations exposed to the blazing sun. Because weed control is more difficult in sunny places, our special mixture contains vigorous grasses that will starve weeds out and help give you the weed-free lawn you desire.

FOR SHADY SPOTS

Wherever shade makes it difficult to obtain a good lawn, our special shade mixture is heartily recommended. We have chosen excellent quality, shade-enduring grasses and clovers . . . and have blended them into a mixture that will give you surprising results.

New Improved WEEDONE

The Weed Killing Miracle

Contains the Low-Volatile Butoxy Ethanol Ester of 2,4,5-T and 2,4-D

The Outstanding Weed Killer for Home Users

Now Weedone kills woody plants as well as dandelions, plantains and other lawn weeds, **without killing grass.**

It kills poison ivy, poison oak, the brambles (blackberry and raspberry), honeysuckle and over 90 other woody plants. Sprayed on tops and sides of tree stumps, it prevents re-sprouting. It does not give off vapors that cause injury to rosebushes, tomatoes, flowers or ornamental shrubs. Harmless to humans and animals.

8-oz. can \$1.00 1-qt. can \$2.75
1-gal. can \$6.95

WEEDONE PLASTIC APPLICATOR

Cap makes handy 1/2-oz. measure and fits any screw-top gallon jug. All pastic; no sharp metal edges to cut and scratch hands. 49c



Weedone CRAB GRASS KILLER

Contains Potassium Cyanate

Non-poisonous to Humans and Animals

Kills crab grass, chickweed and veronica without killing clover, blue grass and other desirable grasses.

Can be used on seedling or mature crab grass.

Harmless to soil. Breaks down to beneficial fertilizer elements. Readily soluble in water. Easily cleaned from sprayer with plain water.

Low in cost . . . economical to use.

5 oz. can (treats 1000 sq. ft.) \$1.00
20 oz. can (treats 4000 sq. ft.) 3.00
5 lb. can (treats 16000 sq. ft.) 8.85



FOR THE BEST LAWN SOW A MIXTURE DEVELOPED FOR YOUR LOCALITY

Your Lawn

How to Make It ...

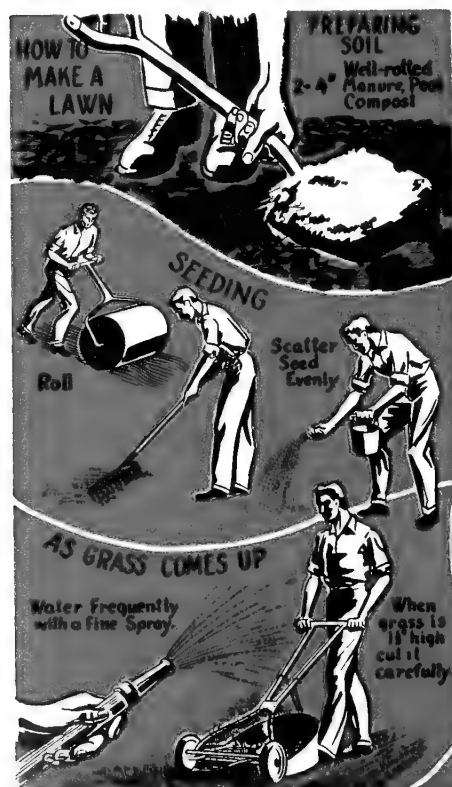
A well made lawn will last a long time, so it pays to be thorough in preparing the soil.

Drainage is the first consideration. Water logged soil will not support a good turf. Tiling is one way to promote good drainage; another is to work liberal quantities of sand and gravel into the subsoil.

Topsoil is important. In many instances the site for the lawn is covered to a considerable depth with subsoil from the basement excavation. If you cannot prevent this the next best thing to do is to have the lawn site covered with a 6-inch layer of good loam. Into this top layer of live soil work garden compost, peat moss and commercial fertilizer.

At this point it is a good idea to rake the ground roughly and water it well to bring up the weeds. When they come up chop them off. Repeat the watering and hoeing until the weeds have been considerably reduced in numbers.

Roll the ground before seeding, to prevent it from settling unevenly, and then rake the surface lightly. Sow the seed so as to cover the ground thoroughly, and then rake lightly to cover with soil. Roll again so as to press the seed in firmly. If you have no roller, use boards and tramp on them so as to pack the ground firmly, but a roller is preferred.



Make Your Lawn a Fitting Carpet for Your Outdoor Living Room

Grass seed will germinate in from 8 to 15 days, according to the weather. If a lawn is made during the summer, the ground should be covered lightly with peat after the seed has been rolled, so as to retain the moisture. New lawns should not be allowed to dry out, not even for a half day. For the first 15 days the lawn should be sprinkled as often as necessary to prevent seed drying out. A lawn should be fertilized after the first cutting, and at least twice a year. Water well after applying.

How to Care for It ...

Mowing, watering, fertilizing, weed control and insect control are the routine requirements of a well kept lawn. Three of these needs can be taken care of at one time by using one of the new three-way preparations in which fertilizer, weed killer and insecticide are skillfully combined. Ask us for details.

When possible give your lawn a good top-dressing of organic matter at least once a year. Garden compost, peat moss, well rotted leaves, sterilized cow manure, sheep guano are all good materials for top dressing. Application should be made in early spring. Remember a top dressing of organic material does not remove the need for chemical fertilizers, but it will do for your turf what no chemical fertilizer can possibly do.

WARNING: Do not use the **unsterilized** rotted manure which is being sold to inexperienced gardeners. It may be full of wild clover and other weed seeds and pests. It is expensive when you take into consideration that a few pounds of good fertilizer is equal to a sack of manure. If you want a moisture-holding material for top-dressing use peat. We recommend the use of peat.

HOW MUCH SEED?

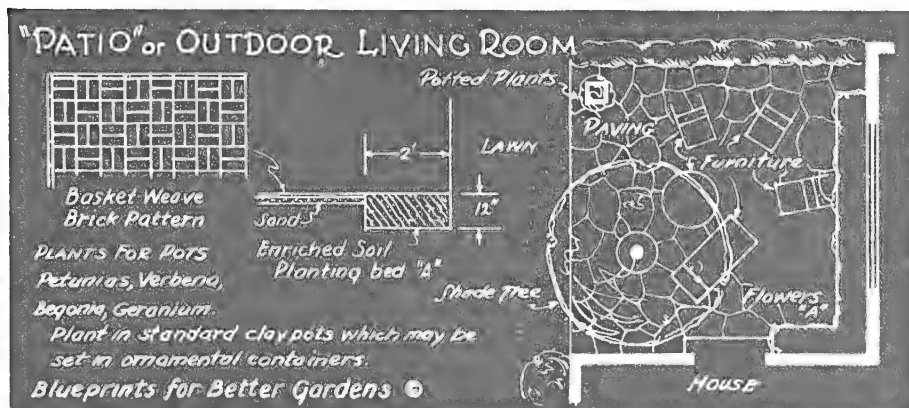
You can figure how much lawn seed you need from the table below, which is compiled on the basis of 1 pound of seed for 200 square feet of lawn.

Area in sq. ft.	Size of area	Lbs. seed required
250	10x 25	1¼
625	25x 25	3¼
1000	20x 50	5
1250	25x 50	6¼
1875	25x 75	9¾
2500	25x100	12½
3750	50x 75	18¾
5000	50x100	25
5625	75x 75	28¾
7500	75x100	37½
10000	100x100	50

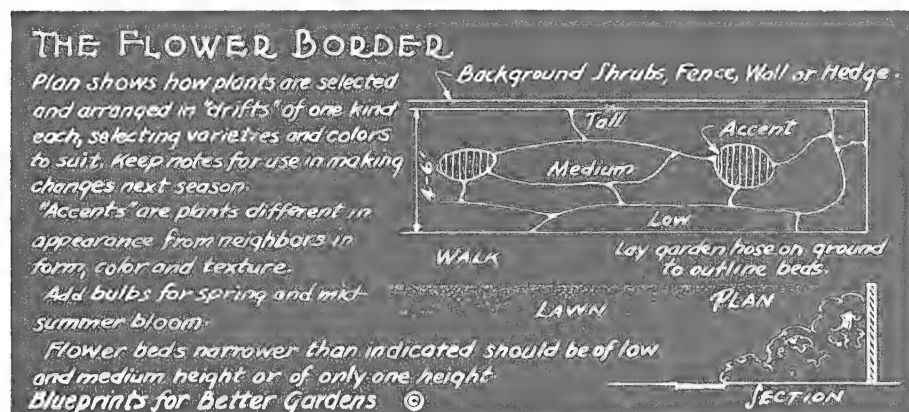


SOMETHING ABOUT SOIL

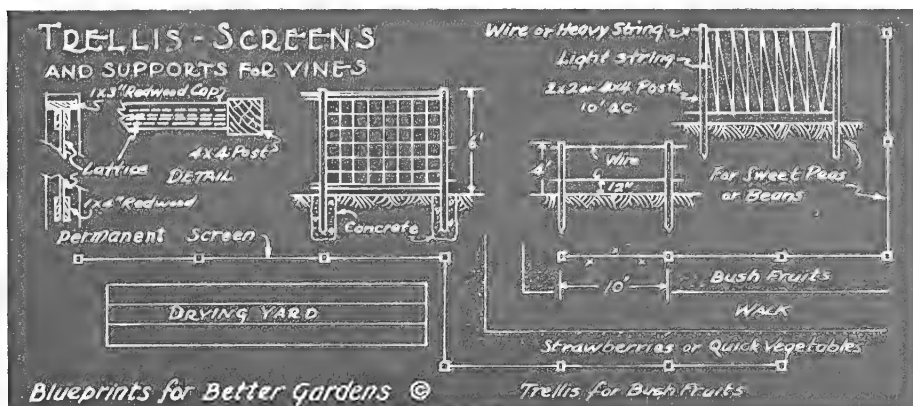
See Also Pages 12 and 21 to 23 for More Gardening Information



THE PATIO—YOUR OUTDOOR LIVING ROOM. By all means, provide some living space in your garden, if you want to get the most enjoyment out of it. Paving materials such as porous bricks or sand stone are usually the best. Wet the paving on warm days and enjoy the cooling effect of the evaporating moisture. If you are not fortunate enough to have a shade tree in your patio, be sure to plant one and use a beach umbrella for shade while it is growing up.



THE FLOWER BORDER can be the most interesting feature of your garden with its ever changing aspect of masses of color. By using annuals, biennials, perennials and bulbs, the opportunity to create pleasing and unusual effects is unlimited. Be sure to select plant materials that will give you flowers over a long period of time.



TRELLISES AND SCREENS can do wonders in improving the appearance of your garden. Also they provide a good excuse for planting some of the lovely vines that are so attractive: Sweetpeas, Morning Glory, Cardinal Climber, and Climbing Nasturtiums for instance. Then of course, there are many woody vines such as Clematis, Jasmine, Wistaria, Roses that will appear to good advantage on a trellis. Berries and grapes often need the support of a trellis or a screen.

Preparing the Soil



The ideal soil for seed is light and porous but will hold moisture enough to permit good germination.

A good soil mixture for seeding either indoors or outside is: $\frac{1}{2}$ light loam, $\frac{1}{4}$ sand and $\frac{1}{4}$ granulated peat moss. The addition of leaf mold improves the mixture. The top 2 inches of a seed bed should be screened through a $\frac{1}{4}$ -inch mesh screen. The ingredients should be thoroughly mixed and, just before sowing, firmed down with a flat block of wood or similar implement.

FOR OUTDOOR LIVING



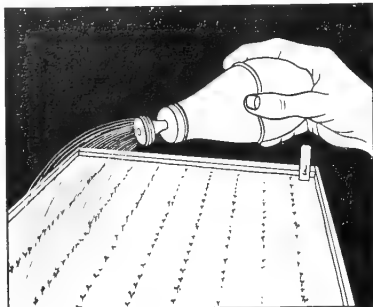
Sowing the Seed



Mark the surface of the flat or seed bed by pressing a narrow edged ruler or garden label lightly into the surface. Sow the seed thinly in the depressions, either directly from the seed packets, or by sifting it out between your thumb and forefinger. The seed should be covered lightly. A fine meshed kitchen screen serves very well for this purpose. Place a handful of dry soil mixture in the screen and sieve onto the seed drill.

It's Easy to Start Your Flowers in Flats

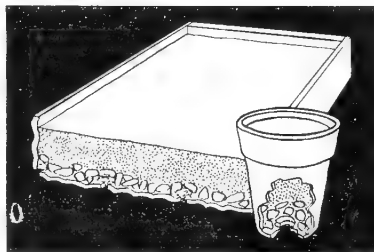
Water-But Gently



Water the seed bed thoroughly, but gently with a fine spray. A coarse spray or stream of water will wash the seed out of the soil. For this reason, when using an outdoor seed bed, it is well to have a cover available to place over the seed bed during rainy spells. This should be supported several inches over the seed bed to allow free circulation of air.

Be sure to keep the seed bed moist. Excessive dryness will prevent germination.

Drainage is Important



For growing seeds indoors either pots or shallow boxes known as flats, are satisfactory. Whichever you use be sure the drainage is good. In the case of flats see that the boards on the bottom are spaced about a quarter of an inch apart. When filling the seed flats place some material such as granulated peat moss along the cracks to prevent the soil from washing through the bottom. On the bottom half inch of the flat place gravel or soil screenings to help the drainage. If pots are used be sure to put some drainage material in the bottoms.



Low-growing flowers for edging are listed in the special column on page 16. Where space permits, low-growing borders may be backed with medium and even tall growing flowers as indicated in the picture above.



Scott's LAWNS ARE GLAMOR LAWNS

Use These Famous Lawn Care Products:

SCOTT'S LAWN SEED. Fine-bladed perennial grasses. Guaranteed 99.91% weed-free.

1 lb. \$1.55 5 lbs. \$7.65

SPECIAL PURPOSE SEED. Makes handsome sturdy turf for play areas. Also good for shade.

1 lb. \$1.25 5 lbs. \$6.15

SCOTT'S BENTGRASS. Builds lawns like a golf putting green. Can be seeded into old lawns.

1 lb. \$1.95 5 lbs. \$9.35

SCOTT'S LAWN FOOD. Made especially for grass. Very economical. Clean; no objectionable odor.

2,500 sq. ft. box . . . \$1.95
11,000 sq. ft. bag . . . \$7.50

SCOTT'S WEED & FEED. Kills broad-leaved weeds and feeds grass in one simple operation.

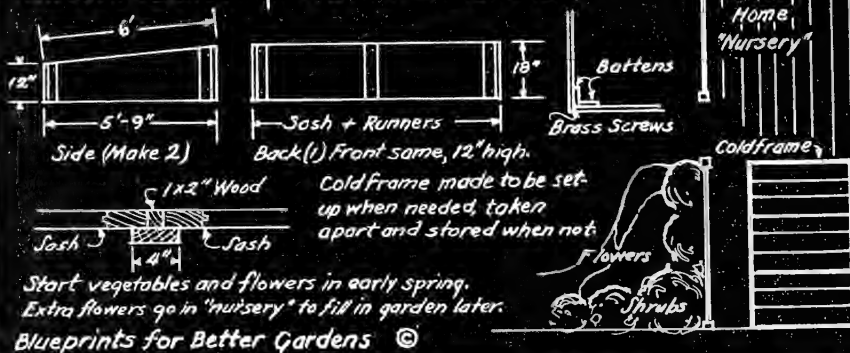
2,500 sq. ft. box . . . \$ 2.95
11,000 sq. ft. bag . . . 11.75

SCOTT'S SPREADERS. Apply all Scott's products evenly; accurately, even including seed. Rubber tires.

Junior \$7.45 No. 25 \$11.85

Ask for a **FREE Two-year Subscription** to "Lawn Care"

COLD FRAME & HOME NURSERY



COLD FRAME AND HOME NURSERY. Very often the secret behind a garden that looks "just right" is a small home nursery where the gardener grows a good selection of plants that can be moved into the main garden when needed. A cold frame is most useful for starting plants early in the season. For best results place your cold frame and nursery in a sunny, sheltered position free from late frosts.

ROSES

OUR ROSES ARE JUMBO SIZE No. 1

Two-year Northwest Grown of Best Quality

NEW PATENTED ROSES

APPLAUSE (Plant Pat. 829). The buds of this new descendant of Charlotte Armstrong are a dazzling light red. The perfect 50-petaled blooms are heavy with fragrance and produced in abundance. \$1.75.

FANDANGO (Pat. No. 894). Ovoid deep scarlet bud changous bloomer, and mildly fragrant. \$1.75.

FORTY-NINER (Pat. No. 792). 1949 All America selection winner. The most brilliant of all bi-colors. Outside of petals a glowing buff-yellow contrasting with the bright cherry-red of the inside petals. Excellent for cut blooms. \$1.75 each, 3 for \$4.50.

HEART'S DESIRE (Pat. No. 501). Long-stemmed buds open to blooms of pure luminous red with a rich old-time rose fragrance. Sun-proof color, vigorous growth and disease free qualities all add to the desirability of this rose. \$1.50 each, 3 for \$3.75.

MIRANDY (Pat. No. 632). All America 1945. A gorgeous, fragrant red rose. One of the best of the reds. Large ovoid buds, deep rich red with black shadings, opening to lovely chrysanthemum-red, velvety textured flowers of huge proportions. \$1.50 each.

PEACE (Pat. 591). 1946 All America Selection. An outstanding rose, one of the finest ever introduced. The well shaped buds are canary yellow with cerise-picotee border, slowly opening to flowers of immense size and perfect form. The colors change as the flowers unfold . . . canary yellow, pale gold, creamy ivory and alabaster white, with cerise edging or petals passing through soft rose to apple blossom pink. \$2.00.

CLIMBING ROSES

BLAZE. Everblooming scarlet climber. \$1.50 each, 3 for \$3.75.
CL. CRIMSON GLORY (Plant Pat. No. 736). A beautifully modeled rose of deep crimson. It is a vigorous grower, producing an abundance of superb blooms with a dark velvety sheen. \$1.75.

CL. ETOILE DE HOLLANDE. Ranked among the first three of its color by everyone. The beautiful, oval buds are perfect of medium size and open into magnificent brilliant red blooms.

PAUL'S SCARLET. The semi-double flowers are of good size and of a vivid scarlet-red color, fading but little. Freely produced in clusters on much branched canes. It is perfectly hardy and fine for trellis or arbor.

FLORIBUNDAS PATENTED

FASHION (Pat. No. 789). Abundant double blooms of deep coral-peach borne in clusters. Blooms from spring until heavy frost. Especially suitable for table decorations and corsages. Bushes strong and vigorous, growing to 3 feet. \$2.00 each, 3 for \$5.00.

GOLDLOCKS (Plant Pat. 672). Best yellow floribunda. Healthy, floriferous in all areas without extreme temperatures, and lovely with its long lasting, hybrid-tea shaped flowers. Attractive ovoid buds. \$1.50.

PINOCCHIO (Pat. No. 484). Extremely hardy, very easy to grow, always in bloom, with hundreds of flowers on every bush. Pointed buds are rich salmon, blushed with gold at base, gradually changing to soft clear pink as the flowers open. \$1.50, 3 for \$3.75.

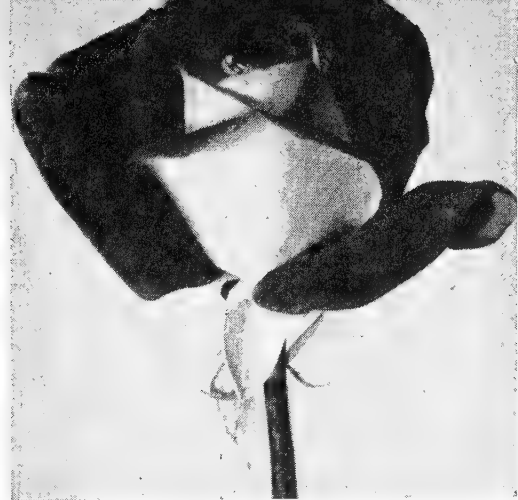
DO YOU WANT LOVELIER FIRST YEAR BLOOMS? ROSETONE®

Rosetone-treated plants take hold quickly and bear finer, earlier roses. Indispensable for the rose lover. Use Rosetone to soak bare-rooted plants before setting out, and to water established bushes.

½-oz. package, 25c • 3-oz. can, \$1



ORTHO ROSE DUST combines all the necessary insecticides and fungicides to keep your roses healthy and productive of finer blossoms.



FORTY-NINER
(Pat. 792)

STANDARD BUSH ROSES

\$1.19 each, 5 for \$5.75

RED HYBRID TEAS

CHRISTOPHER STONE. Velvety scarlet crimson. A vigorous upright grower. Very fragrant. Stands hot weather.

ETOILE DE HOLLANDE. The finest dark red rose for general purpose. Ranked among the first three of its color by everyone who knows roses. The beautiful oval buds are perfect.

MARGARET MCGREDY. A fine red rose with very attractive buds. Opens into a well formed flower. It's a McGredy which should recommend it to all.

PINK HYBRID TEAS

PICTURE. Well shaped buds; medium sized, velvety, rose-pink flowers, with warm salmon undertones. Vigorous plants; unusually free blooming.

PINK DAWN. A beautiful hybrid tea rose with glorious deep rose buds opening to lovely pink blooms tinted with orange at the base of petals. Sweetly fragrant, fully double and vigorous upright habit.

ORANGE AND TRI-COLORS

AUTUMN. A distinct color of intense richness; shades of burnt orange suffused with russet-brown and bronzy red all overlaid on a background of rich yellow.

HINRICH GAEDE. One of the most gorgeous of multicolored roses. Combines scarlet-orange, copper-orange and vermilion in a sweetly scented flower. Very resistant to mildew.

PRES. H. HOOVER. An exquisitely fragrant multi-colored rose, combining many shades of cerise-pink, flame scarlet and yellow. Buds long and pointed.

YELLOW HYBRID TEAS

GOLDEN DAWN. An ideal yellow garden rose, with oval buds of rich straw color, flushed old rose. Flowers double and of lemon-yellow.

MCGREDY'S YELLOW. Large, bright butter-cup yellow flowers, every bloom perfect in form. Fragrant. Foliage dark glossy, free of disease in most localities.

WHITE HYBRID TEAS

MCGREDY'S IVORY. The size and perfection of form of this wonderful rose are almost unbelievable. The buds are long and pointed, opening to perfectly formed flowers of ivory-white.

MME. JULES BOUCHE. Shapely buds and well formed, high centered flowers of pure white, occasionally with a tender blush pink tint at the center. A splendid white rose and a vigorous grower.



SNAP-CUT

Out-cuts all others

Orchardists and gardeners everywhere recognize "SNAP CUT" as the most efficient pruner on the market. A new cutting principle makes for easier cutting. Small in size, light in weight. Even a child can handle this easy cutting pruning shear.

Each, postpaid \$2.50

FREE book

Important Ordering Suggestions

All seeds quoted in this catalog are shipped by Parcel Post, all transportation and packing charges are paid by us. C.O.D. and money order return fees are not considered as transportation charges and, therefore, must be paid for by the customer. Avoid them by sending remittance with order. Bulk seeds, such as Peas, Beans and Corn, in quantities, are shipped to your nearest express or freight office, transportation collect. If you wish them shipped by Parcel Post, please send necessary postage.

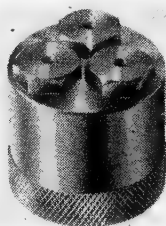
SHIPPING ORDERS. When goods are to be shipped by Freight or Express, give plain shipping directions; otherwise we use our best judgment in routing. Goods on which we pay transportation are shipped at our option.

SEND MONEY. Remittances should always accompany the order. Remittances may be made at our risk by any of the following methods (1st and best) **Post Office Order**; (2nd) **Bank Draft**; (3rd) **Express Company Money Order**; (4th) **Cash by Express** in amounts not less than \$50; (5th) **Registered Letters**.

Free Transportation on All Flowers and Vegetable Seeds in Packets, Ounces or ¼ Pounds

"Fog" Tender Young Plants

Now you can water seed beds and refresh young plants without damage! Unique Fogg-it hose nozzle



makes a gentle fog that waters thoroughly, yet can't damage delicate seedlings, or wash away seeds, fertilizer, soil. Gently removes dust and dirt that clog plant cells. Efficient on high or low water pressure. Wonderful for lath and green houses. Precision made from solid brass. Thousands of enthusiastic users! Money-back \$ **1.95** guarantee. Only

Centro NEEGARDS fits all knees

**GUARANTEED TO
GIVE PERFECT KNEELING COMFORT**

1. Made of reinforced sponge rubber.
2. Gently secured with adjustable formfit elastic.



3. For men, women.
4. Used in gardening, housework, etc.

Price \$2.00

GRO-QUICK HEATING CABLE FOR HOTBEDS-COLD FRAMES-OPEN GROUND

Cut Germination Time 2/3. Root Cuttings in 6 Days
Seed Up in 30 Mins. Transplant 2 Weeks Sooner!
J40A Cable & Thermo. for 1 sash.....\$6.75
S80A for double sash—36 sq. ft.....\$9.00
J40 40 ft. 200 watt, cable only.....\$2.25
S80 80 ft. 400 watt, cable only.....\$4.50



DEPENDABLE PEST CONTROLS FOR HOME AND GARDEN

A BUG-GETA Pellets—Kills Snails, Slugs, Cutworms—handy, easy to use. Economical metaldehyde-arsenical bait in pellet form. These pellets are easy to distribute in "hard to reach" areas and go 4 times further since they hold up longer than old style meal bait mounds.

OR 100—12 oz. package.....	35c
OR 101—2 lb. package.....	75c
OR 102—5 lb. package.....	\$1.50
OR 103—25 lb. package.....	6.25

B BOTANO deluxe—the finest multi-purpose dust on the market. Contains 2 potent insecticides, lindane and methoxychlor, and two well-proved fungicides. Look at its uses:

GENERAL FOLIAGE DUST FOR FLOWERS AND VEGETABLES

1. **BOTANO deluxe** is fine on foliage and kills a wide variety of sucking and chewing insects such as Aphids, Thrips, Mealybugs, White Flies and many chewing insects such as Beetles, Caterpillars, pear and cherry Slugs, etc. It also controls Powdery Mildew, Black Spot and Rust.
 2. **Soil Insects:** Wireworm, Seed-Corn Maggot, Diabrotica Larvae: Treatment: Dust 8 ounces in top soil for each 160 square feet of area. Treat Strawberry Root Weevils on Strawberries, Camellias, Rhododendrons, Azaleas, Primroses, Ornamentals in the same manner.
 3. **Earwigs**—Dust heavily in all frequented areas. **BOTANO deluxe** acts as a contact poison and two to three treatments a season will usually suffice.
 4. **Lawn Moth (sod webworm)**—Dust one lb. of **BOTANO deluxe** per 1000 sq. ft. of lawn area and soak into the lawn. Use 2 or 3 such treatments per season.
- | | |
|--------------------------|--------|
| OR 104—8 oz. Duster..... | 85c |
| OR 131—1 lb. Refill..... | \$1.00 |
| OR 105—2 lb. Refill..... | \$1.75 |
| OR 106—5 lb. Refill..... | 3.95 |

C ORTHO Lawn Groom—the newest thing in scientific lawn treatment... it does three big jobs in one application:

Feeds the lawn
Kills the weeds
Controls insects

5 lbs. covers 1000 sq. ft. of lawn... about 3 treatments per year will give you a velvety green lawn, free of weeds and soil insects.

OR 107—5 lb. Carton.....	\$1.69
OR 108—10 lb. Carton.....	2.95
OR 109—25 lb. Bag.....	6.05

D ISOTOX Garden Spray—Economical, modern multi-purpose spray containing the sensational new lindane insecticide. Effective general foliage spray against Aphids, Thrips, Beetles. Use on Roses, Camellias, other flowers and shrubs against many chewing and sucking insects. Control Wireworms, many soil pests, also Earwigs, Lawn Moth, (Sod Webworm), Flies. Has very broad usage.

OR 110—2 oz.....	59c
OR 111—4 oz.....	\$ 1.00
OR 132—8 oz.....	1.75
OR 112—pint.....	2.95
OR 113—½ gallon.....	10.25

E ORTHORIX Spray—Astounding new fungicide for year round use. Controls Mildews—Rose mildew, Peach leaf curl, San Jose Scale and many other plant pests! For both foliage and dormant spraying of flowers, fruits, ornamentals and berries. Excellent soil corrective. Contains remarkable wetting agent that makes every drop highly effective. Here's what John Paul Edwards, eminent rose grower, says, "I was able to completely control powdery mildew on my roses and produce plants with outstanding luxuriant green foliage and an abundance of blooms... simply by use of ORTHORIX Spray."

OR 133—4 oz.....	35c
OR 114—pint.....	75c
OR 115—quart.....	\$ 1.25
OR 116—gallon.....	4.00
OR 117—5 gallon.....	15.00

F TRIOX—Here's what you've been looking for to get rid of those weeds on driveways, curbs and gutters, paths, brick or gravelled walks, tile patios... or along fences and around the garage and similar structures. Kills weeds, poisons soil and prevents plant growth 1 to 2 years! Do away with slow, back-breaking hoeing and grubbing.) Kill weeds the easier chemical way with TRIOX. Simply mix with water—apply with sprinkling can or sprayer. Economical.

OR 118—1 quart.....	\$1.00
OR 119—1 gallon.....	3.50

TRD. MKS. BUG-GETA, BOTANO, ORTHO, ISOTOX, TRIOX, REG. U. S. PAT. OFF.



CALIFORNIA SPRAY-CHEMICAL CORP.

Prices subject to change without notice



TERRY TERRA-LITE Says:

**"Let Terra-Lite* Help You Do All
Your Gardening Jobs**

FASTER - EASIER - BETTER"

TERRA-LITE BRAND VERMICULITE PLANT AID IS THE PERFECT MEDIUM FOR STARTING SEEDS, LIGHTENING SOILS, TRANSPLANTING, ROOTING CUTTINGS, STORING BULBS, AND IS UNSURPASSED AS A MULCH AND FOR SOIL PREPARATION AND RECONDITIONING LAWNS. TERRA-LITE . . . ALL THROUGH THE YEAR.

*Terra-Lite is the trademark of the Zonolite Company

**Now you can
SPRAY
the easy-Hayes way!**



The Hayes Jr. Spray Gun lets your garden hose do all the work. Mixes your favorite liquid or powder insecticide in accurate proportions, shoots a driving, wet spray that penetrates plants, saturates and kills garden pests. Adjustable nozzle sprays up, down, sideways for hedges — with special long-stream nozzle for trees and tall climbers. Precision made of non-rust castings, with brass working parts. Full 3 gallon capacity, yet easily held in one hand. At your garden supply dealer's, only

\$6.95

**THE Hayes Jr.
All-Purpose
SPRAY GUN**

Also: Hayes-Ette for small spray jobs — Hayes Han-D for spot spraying — Hayes Sprinkl-Air for gentle watering — Hayes Ferti-Rain Fertilizer Applicator — Hayes Sudzit Car Washer.

At Your Garden Supply Dealers

**SNAROL
KILLS SNAILS
SLUGS
& CUTWORMS**

Snarol Metaldehyde-Arsenical Bait
SNAROL is a blend of cereals and certain other ingredients combined with poisons for killing Snails, Slugs, Cutworms, Sawbugs and Earwigs.
1 lb. 35c 2½ lbs. 75c 6 lbs. \$1.50

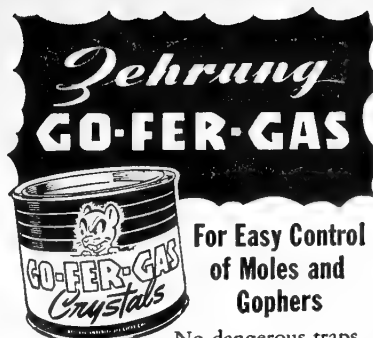
**ANTROL
ANT SYRUP**



**READY-FILLED
GLASS FEEDERS**

ANTROL ANT SYRUP not only kills ants feeding on it, but slow action allows syrup to be carried and fed to queen and larvae, thus killing whole colony in time.

Individual Feeder..10c. Set of 4..39c



**For Easy Control
of Moles and
Gophers**

No dangerous traps, bombs, poison baits or special equipment needed for positive control. Acts quickly, poisonous only to pests. 2 and 6-lb. cans. Try it!

WATER WHERE YOU WANT IT

Made of canvas — scientifically treated to resist mildew. Puts moisture down into the soil. Avoids water waste. SOIL-SOAKER enables you to put water exactly where you want it. Excellent for irrigating around plants where moisture is apt to damage foliage. Two lengths available: 18 feet, for smaller lawns, and 30 feet for larger areas.



SOIL-SOAKER

Hotkaps

**Start Your Garden Earlier
This Year—with HOTKAPS**



**HOTKAPS
Plant Protectors**
Made of
Glastex* 3 1/2¢
only 3 1/2¢

Give your favorite flowers and vegetables an earlier SAFE start! Glastex* HOTKAPS afford individual outdoor HOTHOUSES for seedlings and young plants. Ripen plants weeks earlier, provide positive protection against frost, storms, sun, insects. Only Glastex* HOTKAPS give 3-Way Protection: 1. TRANSLUCENT to retain

healthful benefits of sun, prevent direct burning rays that wilt tender plants. 2. Become more POROUS as plant develops, hold less heat and moisture condensation gradually hardening plant to withstand shock when removed! 3. QUICKLY OPENED AT TOP for ventilation as plant grows — still giving most important protection to tender undergrowth at BASE.

*GLASTEX specially processed material Reg. U. S. Pat. Off.
BIG GARDEN PACKAGE of 25 only 85¢ — Setter Free
Larger Pkgs. of 100, 250, 1000 for Commercial Growers

'TWIST-EMS'

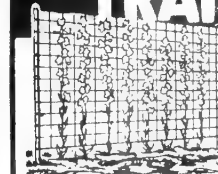


**Handy! Speedy!
PLANT TIE**

Strong, dark green "invisible" tapes with wire reinforcing — protect stems, speedily and permanently support annuals, perennials, vines, shrubs, and vegetables.

Box of 200, 4-inch size, 25¢. Box of 100, 8-inch size, 25¢.
Box of 100, 16-inch size, 50¢. Pkg. of 50, 8-inch size, 15¢.
Pkg. of 35, 8-inch size, 10¢. 250 ft. continuous roll, \$1.00.

TRAIN-ETTS



Ideal support for SWEET PEAS, GARDEN PEAS, POLE BEANS, CUCUMBERS, TOMATOES Hung in 5 minutes. Doesn't rot like string, nor burn tendrils like wire. 3 sizes —
60-inch x 72-inch, 65¢
60-inch x 96-inch, 85¢
60-inch x 180-inch, \$1.25

Greener Lawns • Larger Blooms • Sturdy Growth

Feed your Flowers and Shrubs . . . Simple as watering your yard "3-IN-ONE" Liquid Fertilizers . . . a quick acting food with a ratio of 10-10-5 of Nitrogen Phosphorous and Potash. Seeps quickly to roots with amazing results.

PINT 50c • QUART 85c • GALLON \$1.95

Apply clean, odorless "3-IN-ONE with FERTL-RAIN \$1.95 applicator attached to garden hose and bottle. . . .

**"3-IN-ONE"
LIQUID FERTILIZERS**

BOYLE-MIDWAY INC., LOS ANGELES 11, CALIF.



There is a Flower for Every Spot

FLOWERS FOR THE SHADE

Balsam
Butterfly Flower (Schizanthus)
Bellis (English Daisy)
Clarkia
Columbine
Flowering Tobacco
Foxglove
Godetia
Nasturtium

FOR YOUR SUNNIEST SPOT

African Daisy (Dimorphotheca)
Alyssum
Dianthus
Gaillardia (Blanket Flower)
Shirley Poppy
California Poppy
Portulaca
Salvia
Zinnia

ANNUALS FOR FALL BLOOM

Make an additional sowing of these flowers in mid-summer for fall blooms.

Calendula
Candytuft
California Poppy
Phlox Drummondii
Sweet Alyssum
Zinnia, Lilliput

ANNUAL VINES

Scarlet Runner Bean
Black Eyed Susan
Canary Bird Vine
Cardinal Climber
Ornamental Gourds
Morning Glory
Nasturtium (Climbing Varieties)
Sweet Peas

LOW GROWING FLOWERS FOR EDGINGS

Ageratum
Alyssum, Carpet of Snow
Violet Queen
Bellis (English Daisy)
Blue Cup Flower
Lobelia
Nemesia
Nasturtium, Dwarf Varieties
Portulaca

FOR SUCCESSIVE SOWINGS

Sow these annuals at three week intervals for continuous bloom.

Calliopsis
Candytuft
Bachelor Button
Gypsophila
Larkspur
Mignonette
Shirley Poppy

Miller's GARDEN COMPOST MAKER
A 3-pound package of Miller's Garden COMPOST Maker will make several hundred pounds of high-grade organic humus fertilizer by converting garden and kitchen refuse, weeds, leaves, and grass clippings into a rich organic humus compost.

Miller's GARDEN BOOSTER POWDER
Make your own Booster Fertilizer Solution as low as 1c a gallon with Miller's Garden BOOSTER Powder. Stimulates Plant Growth, Root Formation, Fruit Setting, Flower Production. Produces vegetables rich in flavor and minerals essential to your Health.

Better Gardening WITH Miller's

Miller's GARDEN SPRADUSTO
Insecticide - Fungicide
SPRAY or DUST
Flower Gardens, Shrubs, Ornamentals
Used regularly controls Powdery Mildew, Black Spot, Rusts, Aphids, Leaf Hoppers, Beetles, Caterpillars.
Effective - Safe to Use.
Contains 5% DDT, Rotenone, Pyrethrum Sulphur, Permethrin.

Miller's LIQUID LIME SULPHUR with spreader
CALCIUM POLYSULPHIDE SPRAY
Year-Round Insecticide-Fungicide Calcium Polysulphide Spray for Powdery Mildew, Peach Leaf Curl, San Jose Scale, Red Spider and Leaf Hopper, Mites, and Apple and Pear Scab.

Insist on Miller's

NEW, SAFE Scott's WAY TO KILL CRABGRASS

SCUTL

Easily Applied

by hand or with one of those versatile SCOTTS Spreaders.

Jr. Spreader \$ 7.45
No. 25 \$11.85

That ugly coarse Crabgrass (also known as Wiregrass, Watergrass, Fallgrass) can now be stopped without dreary hand-digging—without harm to desirable lawn grasses. No mixing. No fussing. Hundreds who used **SCUTL** for the first time last year reported wonderful results.

And It Costs So Little

400 sq. ft. box \$.65
1250 sq. ft. box 1.45
5500 sq. ft. bag 4.85

Make MONARCH Your Headquarters for Good Lawns

HUDSON SPRAYERS

A sprayer for every purpose



No. 766A ADMIRAL DUSTER. Discharge ranges from a very fine to a heavy cloud. Uniform mixture of carrier and concentrate through the entire application. Economical application adapts it for higher priced powder-insecticides such as Rotenone, Derris Root, Pyrethrum, etc. Special plunger provides powerful air-blast which drives through powder agitating it thoroughly. 2 3/4-in. diameter, 9 1/2-in. stroke. Powder reservoir 2 3/4 x 6 inches. Large filler screw cap permits easy filling or cleaning. 24-in. extension tube with adjustable nozzle for straight or angle discharge. Weight 3 lbs. \$2.60.



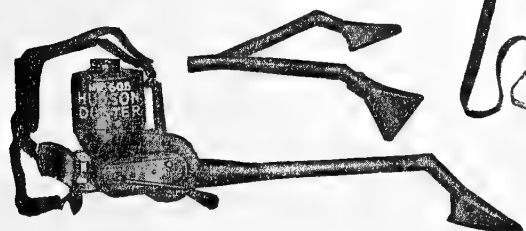
No. 660 SIGNAL DUSTER. A practical small duster for the small gardener. 1 3/4 in. diameter, 3 in. length. Large, easily removed filler cap. Air valve prevents powder from getting back into pump. Discharge tube facilitates driving the powder into cracks and crevices. Weight 1 lb. 85c each.



Hudson 310G "PERFECTION" Sprayer—Easy fill, open top makes for ease in filling and cleaning. "Perfection" is the last word in tank sprayers. When the pump and top assembly is locked in position it is there to stay. So is the pressure in the inside of the tank. Four points of contact insure a positive seal. Equipped with an ingenious eccentric type lock to provide quick, secure locking, or safe, easy release. Made either in galvanized or copper. Shipping weight 13 pounds. Four gal. capacity.

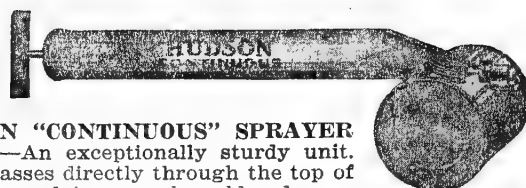
310-G—Galvanized tank \$16.95.

Hudson 293-G "LEADER" Sprayer—Substantially built and will take care of maximum wants around the home garden. While the quality of "Perfection" will not be found in "Leader" you'll get much valuable service from it. Capacity 3 1/2 gals., shipping weight 10 lbs. Price each, \$11.95.

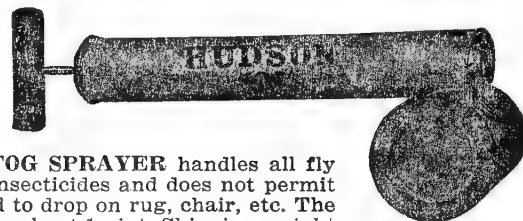


HUDSON "ROTO-POWER" DUSTER No. 802—We are proud to present the new "Roto-Power" Miracle Duster! Built with new super-power—every atom is delivered in a fine, floating dust. The dust flows into the air stream and is whirled through the Roto-Power fan for finest break-up. Twin Agitators, no pressure back-up and no clogging, long wear, economy and comfort. Dust volume control in the "Roto-Power" duster gives you efficiency seldom attained in a large type duster. Discharge equipment, 2 nozzles, wye connection and four 15-inch telescoping tubes. Can be used with one or two nozzles for single or double rows. Shipping weight 15 pounds.

No. 802—"Roto-Power" duster, largest size.....\$24.25



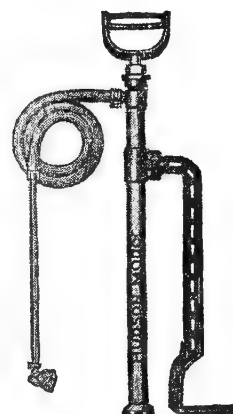
HUDSON "CONTINUOUS" SPRAYER No. 432—An exceptionally sturdy unit. Pump passes directly through the top of the tank and is securely soldered, preventing any possibility of parts getting out of alignment. Produces a very finely divided, continuous spray without spitting or streaming. Fitted with double nozzles for particular garden work. Capacity 1 qt., shipping weight 3 lbs. Price each, \$1.75.



No. 303 FOG SPRAYER handles all fly oils and insecticides and does not permit any liquid to drop on rug, chair, etc. The capacity is about 1 pint. Shipping weight 2 lbs. Price each, 69c.

No. 440 HANDY SPRAYER—The improved Handy is a more efficient sprayer than ever before. Large container and big screw cap add to its usefulness as well as convenience. Does a splendid job around the yard on flowers and shrubs, in the poultry house, dairy barn. An unusual value in a quart tin sprayer at moderate cost. Weight 1 lb. 62c.

No. 122 MODOC SPRAYER—A sturdy sprayer for spraying fruit trees, garden truck, chicken houses, etc. Used with whitewash, cold water paints, insecticides. Develops 150-pound pressure. Can be used with bucket or small tank. Produces any type of spray from fog to solid stream. Cylinder 19 in. long. Air chamber 3/4 x 19 in., 3 ft. of high pressure spray hose; 2-foot extension rod; all purpose angle spray nozzle adjustable from spray to solid stream. Weight 7 lbs. \$9.00.



MONARCH CARRIES
A COMPLETE LINE
OF SPRAYERS & DUSTERS

COMBINATION FERTILIZER AND SEED SOWER

This Dual Purpose Machine is designed with extra heavy gears and brass bushed bearings for hard service and long wear.

It is of special value to farmers who wish to apply fertilizer or seed early in spring when soil is still wet. Can be used anywhere a man can walk, since it is carried by a strap over the shoulder. Especially useful on steep, rough, irregular grass lands. Then, too, the proper time for such fertilization comes so early that the soil is usually too wet for the use of a team or tractor.

The Combination Sower broadcasts all kinds of seed, such as clover, timothy, millet, sudan grass, alfalfa, wheat, etc., perfectly in desired amount per acre.

Price, \$5.50



ALFALFA AND CLOVER SEEDS

ALFALFA SEED

Ladak Alfalfa. This comparatively new variety gives promise of becoming popular and rightly so for it has developed that Ladak is ideally adapted to dry soils which cannot successfully grow the more common varieties. Ladak Alfalfa will produce one heavy crop on dry soils, after which, in case the moisture is not sufficient to continue its growth, it will survive through the season to come again after winter rains have revived it. Other varieties of alfalfa will almost completely die out but not so with Ladak. It may appear completely dead, but will come again, when fall rains bring moisture. Ladak is likewise strongly resistant to freezing.

Common or Chilean Alfalfa. This is the popular long-rooted variety so universally grown. Best adapted to deep soils. We handle only the hardiest types of Chilean, selecting our seed from growing districts which produce seed of true type. Our mountain grown seed will produce stands of longer duration and prove more profitable to plant.

CLOVERS

Red Clover. The standard clover for all purposes. Makes an excellent hay when mixed with Timothy. Succeeds well on most any soil. Inoculate seed before planting and you'll be sure to get a stand.

Alsike Clover. This is a perennial adapted for hay or pasture. A valuable crop for bee pasture. Does well either on poor dry soils or in wet rich soil. Being finer, brighter and not so dusty. Alsike hay is

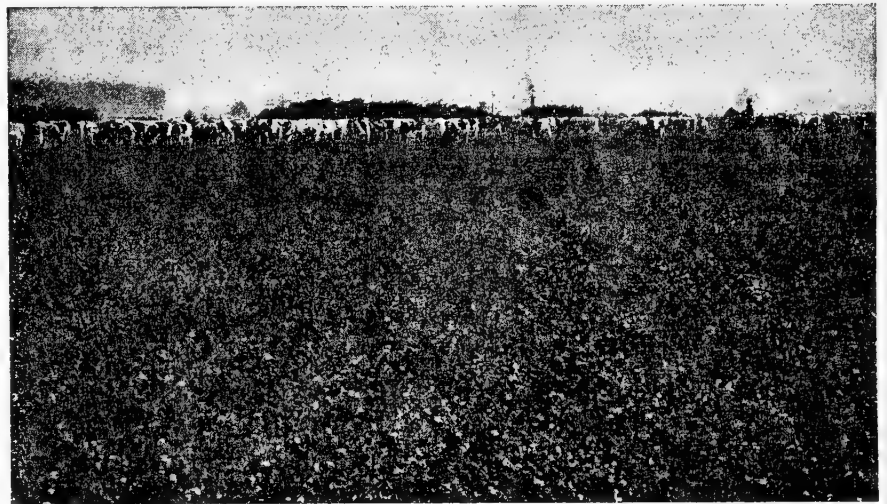
preferred to Red Clover. Inoculate all clovers and be sure to get a stand.

Lotus Corniculatus (Narrow Leaf Trefoil). Popular in many areas of the country. Produces heavily for pasture and hay. Relished by all stock. Will take more abuse than Ladino clover. Used in irrigated pasture with grasses or combined with grasses and Ladino. Is not demanding of moisture as Ladino.

Ladino Clover. Pastures more cattle and hogs than any other clover. Ladino is a perennial, heavy producing and very palatable. It grows 12 to 18 inches tall. Ladino increases milk flow, improves soil, will thrive on shallow moist soils and is the first clover to awaken in the spring and the last plant to quit in the fall. Prepare a fine seed bed and sow

the seed at the rate of 6 pounds per acre. Cover lightly with a brush harrow. If you use a sloping tooth harrow, set the teeth back to the limit to avoid covering too deeply. To prevent bloating include grasses such as Rye Grass, Orchard Grass or Fescue.

Subterranean Clover. Very popular for lighter loam soils. Starts growth early in fall and produces heavily in early spring. Provides winter pasture during mild weather. Dries up in early July. Excellent combined with grasses for pasture. More acid-resistant than most clovers. Used most in non-irrigated or range land type seeding. Not generally recommended for most irrigated pastures. We stock Mt. Barker and Tallarook strains.



SEED GRAINS

BARLEY

Velvon. A new, heavy-yielding, non-lodging strain of bearded barley. Velvon is winter hardy or yields well, spring planted. Because of its upright growing head Velvon does not lodge as do other barleys. Velvon produces heavy, plump, white kernels and its beards are almost entirely awnless. In Talent Trials, planted in the spring of 1942, Velvon yielded 102.5 bushels per acre. Planted as late as May 4, 1943, this barley yielded 83.4 bushels per acre.

Utah Winter Barley. A heavy yielding new bearded barley suited to either fall or spring planting. Resists lodging, will stand irrigation. Yields considerably beyond 100 bushels per acre were enjoyed by one Valley farmer. We offer Blue Tag Certified seed.

OATS

Kanota. Still the favorite red oat because of its early maturity and heavy yielding qualities. Not particularly suited for fall planting. We recommend Black Swedish or Winter Gray Oats for fall sowing.

Winter Gray Oats. Best suited for fall planting. Heaviest yielding oat for hay but matures later than Kanota. Very leafy with slender stalks. We do not recommend Gray Oats be planted with Alfalfa as they are not substantially developed when the first cutting is taken off. Black Swedish or Kanota would be best for the purpose.

RYE

Abruzzi Rye. The fastest growing rye grain for cover crop or late winter or early spring pasture. Produces three times the growth of ordinary rye, barley or oats in cool weather.

WHEAT

White Federation No. 38 (Rust-resistant). Introduced by us in 1941, it proved all that was claimed for it. Heavy-yielding—1942 Talent Trial yield was 72 bushels per acre. Planted on May 4, 1943, this variety yielded 52 bushels per acre without irrigation. Highly resistant to stem rust and bunt smut. Gaining in popularity each year.

Elgin Club Wheat. Best for upland plantings. Sow Elgin in the foothill areas surrounding the floor of the valley. These areas have always produced a better crop from a Club variety and will do likewise planted to Elgin Club. Be sure to treat seed before planting as Elgin is susceptible to smutting. Proved at Talent Trial Grounds. Plant either spring or fall.

FIELD GRASS SEEDS

Alta Fescue (Tall Fescue). Tall Fescue is rapidly gaining in popularity and has supplanted Meadow Fescue in many areas. It is somewhat coarser than Meadow Fescue, but is more drought-resistant, more productive, and more alkali-tolerant. Livestock find it fully as palatable. The growth period, and other characteristics are the same except that Meadow Fescue is probably preferable on wet lands.

Reed Canary Grass. Adapted to wet, low lands. A coarser, tall-growing plant with stout, leafy stems. Grows in large bunches and spreads underground. Very palatable and relished by all livestock. Sow 8-10 pounds broadcast or 2-4 pounds in mixtures.

Burnet. A widely adapted perennial. Does best on well-drained sites, and is very drought resistant. Valuable for range lands because of high drought-resistance. Stays green through summer under adapted conditions. Sow in fall on range lands or fall, winter or spring under irrigation. Relished by livestock.

Mountain Brome Grass. Will stand drought and produce heavy crops in dry sections and on poor soils where other grasses perish. It is one of the hardiest growers and succeeds on our dry hill-sides. Sow 35 pounds per acre.

Orchard Grass. The greatest pasture and hay grass. A very vigorous grower and yields large crops of excellent and nutritious hay, as well as having special value as a pasture grass, furnishing good grazing from early spring until winter. It adapts itself to a variety of soils, provided they are well drained, but succeeds best on loamy uplands or moderately stiff soils, although it does quite well on soils that are inclined to be sandy. A mixture of 15 pounds of Orchard Grass, and 8 pounds of Red or Alsike Clover

has proved very satisfactory, is recommended for hay and pasture. When sown alone, plant 30 to 35 pounds per acre. In a mixture as above, sow 20 pounds per acre.

Monarch Meadow Mixture. This is a splendid mixture of grasses and clovers, ideal for permanent pasture or for hay. Combination of Alta Fescue, Perennial Rye Grass, Orchard Grass, Timothy, Harding Grass, Tuallatin Oat Grass, Subterranean Clover, Sweet and Alsike Clover. This is an improved blend on which we have had many fine compliments.

English Rye Grass (Perennial). A quick grower and excellent for pasture or hay. Unlike Oregon Rye Grass, English Rye is a perennial which persists for years. It is a heavy yielder and of excellent quality as hay. English Rye Grass should be used in every pasture or meadow mixture.

Sweet Sudan Grass. A wonderful, quick-growing Summer Hay Grass. An annual with short fibrous roots that are killed by frost. Because of this characteristic, Sudan Grass will never become a pest as will Johnson Grass. Its greatest value is for hay, which is well liked by stock—the entire plant, leaves, stems and heads, is eaten. Sow 5 to 6 pounds to the acre in 2-foot rows; 25 to 30 pounds by broadcast.

The field grass seeds we list on this page were selected as best for conditions in this section. If you have a problem not covered here, come in and let us help you.



CHIPPEWA SEED POTATOES

SEED POTATOES

Chippewa. There are more people bragging about their crop of Chippewa potatoes, they are so large, so flavorsome, free of disease, so many in the hill, easy to grow, delicious in flavor and a good cooker. Also a good keeper. An early sort, heavy yielding, white skin and flesh. Good size and shape. It is likewise highly resistant to mild Mosaic disease which destroys many varieties.

Early Bliss Triumph. The most popular pink potato. Very early. Tubers handsome appearing, being almost round with only slightly depressed eyes, mostly at the seed end. Run very uniform as to size and shape. Heavy cropper and good flavor. We offer only certified seed as a protection against mild Mosaic disease which often reduces yields 50%.

Irish Cobbler. One of the older and best known varieties and still popular is Irish Cobbler. White skin, white meat, good cooker, fine flavor. Yields are comparable to the best field varieties. Early sort.

Netted Gem. This is the most popular of the late potatoes. Known in some parts of the country as Russet, Buckskin, and Gem. This is the potato that made Idaho famous. Very mealy, good keeper, fine yielder, excellent flavor.

HYBRID FIELD CORN

IDAHYBRID No. 544

Idahybrid No. 544. A top-producing hybrid variety. Has never been excelled both as to quality and yield. Talent Trials still show Idahybrid 544 to be the top-yielding variety. Ideal as a grain or silage corn although yields for silage are exceeded by No. 680 which is bred for tonnage yields of silage at the expense of grain yield. You can't go wrong with No. 544, introduced by us many years ago.

IDAHYBRID No. 680

Idahybrid No. 680 Silage Corn. If you are after maximum yields for silage plant No. 680. It out-yields all others in green growth and actual ears of grain. Does not lodge and is easily cut with binder. Grows to uniform height, resists cold, drought and heat.

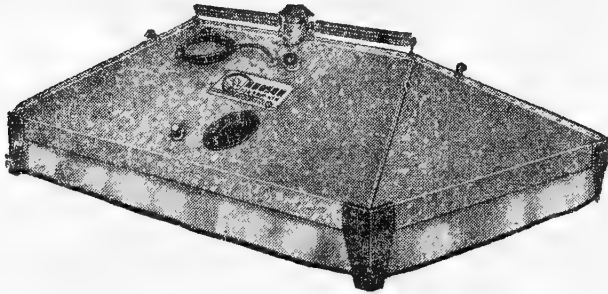


Call at
Our Store
for
Prices

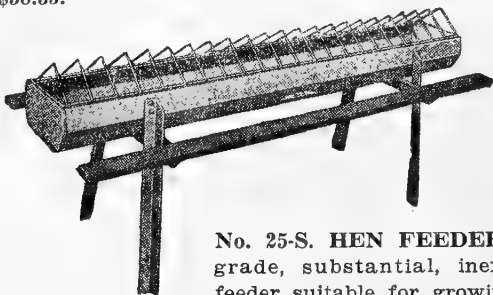
HUDSON POULTRY EQUIPMENT

Come in and get acquainted with our complete line of poultry equipment. We carry the full line of HUDSON products including brooders, feeders, waterers and nests—also the best items of other famous lines. You can improve your returns from poultry by getting quality equipment from MONARCH year in and year out.

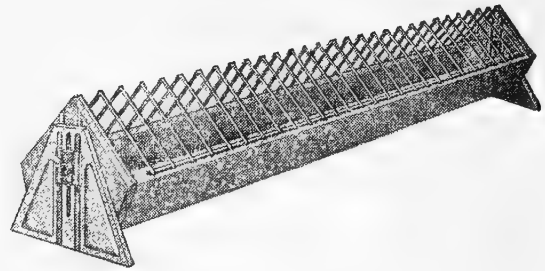
MONARCH for all POULTRY EQUIPMENT



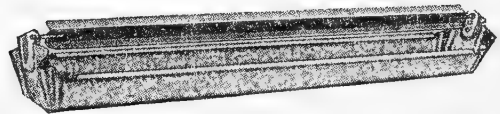
No. 4872 "LECTRIC-HEN" BROODER. Two powerful fully enclosed heating elements provide plenty of heat throughout the length of the brooder. Automatic temperature control. Your desired temperature is maintained by a positive thermostat control. Switch is bakelite sealed, protected from dust and moisture. No radio interference. Heavy insulation. Insulation is moisture resisting and helps reflect heat rays downward into brooding area. Handy inspection door. Plenty of room inside. Adjustable legs allow extra head room as chicks grow. Shipped partly set up in carton, complete instructions for setting up. Plugs into 110-120 volt A. C. socket. Complete, ready to go. 500 chick capacity. 1100 watts. 48"x72". Weight 92 lbs. \$58.35.



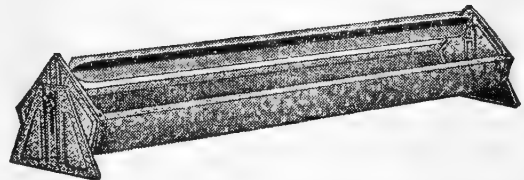
No. 25-S. HEN FEEDER. High grade, substantial, inexpensive feeder suitable for growing birds and full grown stock. Handles dry mash, grain, shells, grit. Easy to keep clean—easy for hens to clean up feed. Convenient hinged grill. Stiff angle legs are cross-braced to strengthen. Perches mite and water-proof, 16 inches off floor. Plenty of range space for hens below. 5 ft. long. Trough 9 in. wide, 4½ in. deep. Holds 40 lbs. dry mash. Serves 60 hens. Weight 25 lbs. \$8.20.



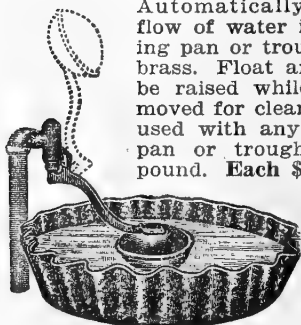
No. 7480 BROILER FEEDER. Chicks two weeks of age until finished broilers. Raise stands as chicks grow. Extra large capacity steel trough 6½ in. top width, 3 in. depth, 1 in. feed saving lip, no rough edges. Hinged grill, wires spaced 1½ in. on center. Welded ends. Weight 15 lbs. \$3.10.



No. 224 CHICK FEEDER. Die formed from heavy galvanized steel. Trough 1¾ in. deep; 2½ in. bottom width, 4½ in. top width; feed-saving lip. Reel floats in either of two positions on shouldered reel pins. Prevents injured chick toes. 24 in. Weight 2 lbs. 63c each.



No. 6360 CHICK FEEDER. Stands permit quick adjustment of feeder as chicks grow. 4-blade red enameled reel floats on shouldered reel pins. Adjusts to three convenient positions according to chick size. Welded ends. 2 in. deep, 4 in. top width, 3 in. bottom width. Length 36 in. Weight 4 lbs. \$1.40.



FLOAT VALVE No. 168
Automatically regulates flow of water into a drinking pan or trough. Made of brass. Float and arm may be raised while pan is removed for cleaning. May be used with any type crock, pan or trough. Weight 1 pound. Each \$1.35.

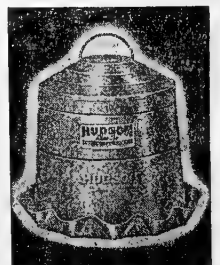
HUDSON DOUBLE WALL FOUNT No. K5.



This fountain is a large capacity, inexpensive, yet substantial piece of merchandise. all-brass self-closing valve holds water in tank when jacket is removed for filling. Convenient inside handle for carrying full of water. Capacity 5 gals. Weight 12 lbs.

Each \$5.20

No. A-8 FOUNTAIN. A handy-fill chick fountain equipped with a snap-on cupped pan. This provides for more drinking space. Chicks do not get wet. The fount is inverted for filling. Can be carried when full without spilling. Capacity 2 gallons. Weight 5 lbs.



Each \$1.85

GARDEN AIDS by PORTCO

SCARE-AWAY



Protects Your Garden THE MODERN SCARECROW

Shiny aluminum strips crackle and flash. Keep birds and animals away night and day. Protects seed as well as crops.

10 strips to a package.....\$.25
Commercial pack of 100 strips.....\$1.80

Cinch-ties



Wire center plant ties for Quick Tying. Durable, attractive green color. In 8-in. lengths or handy ball of 250 or 500 ft. Cut to desired lengths for quick tying. For flowers, vines, annuals, everywhere around the house and garden. Lasts indefinitely. Inquire about bulk put-ups.

100 8-in. for.....\$.25
250 ft. for.....\$1.00
500 ft. for.....\$1.75

Garden twine

Weatherized
No Shrink • No Sag!

PORTCO Garden Twine
Here is a new product weather resistant, durable and extra strong. Lasts more than a full season.

- Will not unravel
- Special center pull



Buy helpful PORTCO GARDEN AIDS TODAY!

At your dealer or order direct.

SUDBURY SOIL TEST KIT



Accurate
Tests
for
Alkalinity
or
Acidity(pH)
Nitrogen,
Phosphorus,
Potash

Model D—Small Garden Model. Compl. \$2.50
Model C—Home Gardener's Favorite. Jr. Professional Model. 50 tests.....\$4.75
Model B—Horticultural Model. Wooden chest. Four times as many tests as Model C.....\$12.50
Model AA—Super deLuxe Model. Steel chest. Larger, more complete equipment....\$24.95

IT'S FUN TO MAKE CUTTINGS FROM YOUR FAVORITE PLANTS

ROOTONE®

The Plant Hormone Powder Used
by Professionals

It's easy. Rootone stimulates the natural tendency to put out roots. Rooting is faster and heavier, resulting in bigger, earlier plants.

Trial packet, 25c • 2-oz. pkg., \$1
1-lb. can, \$5

MORE TOMATOES! FRUITONE®

Spray Fruitone at blossoming time and each plant will set more fruit and bear more big, meaty tomatoes. Spray Fruitone for bigger crops of beans and lima beans, too. The dollar package makes 25 gallons of spray.

2/5 oz. packet, 25c • 2-oz. pkg., \$1
12-oz. can, \$5

TRANSPLANTONE®

Reduces wilt and loss when transplanting
Vegetable gardeners: Cut down transplanting losses; give seedlings healthier roots. Get earlier, larger crops of tomatoes, finer cabbage, cauliflower, lettuce.

Flower gardeners: Use Transplantone when transplanting seedlings and shrubs, to get finer blooms, stronger growth.

½-oz. packet, 25c • 3-oz. packet \$1
1-lb. can, \$4

VIGORO

Complete Plant Food

A PRODUCT OF SWIFT & COMPANY

The
Square
Meal



All
for
Plants

Feed Lawns in early spring and again in fall. Feed flowers and vegetables when you plant them, and at regular intervals throughout the growing season feed them VIGORO.

Prices—

1 lb. bag, 15c	25 lb. bag, \$1.75
5 lb. bag, 50c	50 lb. bag, \$3.00
10 lb. bag, 90c	100 lb. bag, \$5.00



A Real
Garden Aid

THE "ALL-PURPOSE" GARDEN HOE

for CULTIVATING, WEEDING
and MULCHING

You'll find it's fun to flick Dandelion and Plantain from the turf, or mulch around evergreens, shrubs, perennials.

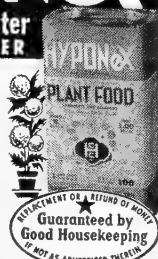
Goose-neck shank permits close cultivation of prized perennials. Amazingly efficient for mulching, cultivating, weeding your garden. Weighs only 1½ lbs., yet stronger than other garden hoes. Order today—if not delighted, return it for money back.

\$1.55 each

HYPONEX

Grows Better Plants Faster
In SOIL, SAND or WATER

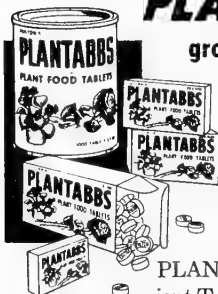
Simply dissolve and water all your houseplants, garden flowers, vegetables, shrubs or lawn. Produces stronger plants, more and larger flowers and fruit. Excellent for starting seedlings, cuttings, transplants. Clean, odorless. Won't burn foliage or roots if used as directed. Contains all nutritional elements complete and balanced—plus vitamin B1—Instantly available. Results sure.



- 1 oz. pkt. (packed 72 to case) 10c
- 3 oz. can (packed 36 to case) 25c
- 7 oz. can (packed 24 to case) 50c
- 1 lb. can (packed 12 to case) . . . \$ 1.00
- 10 lb. drum, makes 1000 gals. 8.00
- 25 lb. drum, makes 2500 gals. 15.00
- 50 lb. drum, makes 5000 gals. 25.00
- 100 lb. drum, makes 10,000 gals. . . 40.00

PLANTABBS

grow bigger, better
plants, flowers,
shrubs, vegetables!



PLANTABBS make plants and flowers grow like magic! This rich PLANT FOOD in convenient TABLET form is ideal for potted plants, window boxes, all garden flowers, vegetables and shrubs. PLANTABBS are clean, odorless, easy to use. 30 tablets 25c; 75 tablets 50c; 200 tablets \$1.00; 1,000 tablets \$3.50.

Fulton's
PLANTABBS
PLANT FOOD TABLETS PLUS B1

PRETTY AS A PICTURE AND FRAMED BY... *stikit wicket*

Frame the beauty of your flowers and lawn with Stikit Wicket, the modern idea for flower or lawn borders. Make your own designs in any of the many attractive ways possible. Available now in lovely, gleaming white, or brilliant green.

You combine charm with protection when you use Stikit Wicket. Each unit is 21" high, 12" wide. Made of 1/4" hardened steel, finished in oven-baked enamel for long-lasting attractiveness. Carton of two dozen makes 24 feet of border, enough for the average flower bed.

Now **\$2.50** THE DOZEN

Double Duty



PRICE
\$1.00

Product of Mac Carl Company, Cleveland 9, Ohio

PLANT FOUNTAIN

The Ideal Bulb Sprinkler

For Home and Garden . . . *Clean*

MOST Practical and enjoyable method of watering or spraying plants and seedlings.

Handy
Attractive

LASTS Indefinitely — curved Stem and detachable Sprayer are made of plastic materials (various colors). Bulb of quality rubber.

PREFERRED among plant fanciers — The New Double Duty Plant Fountain is greatly preferred to the clumsy water-pitcher or old fashion watering can.

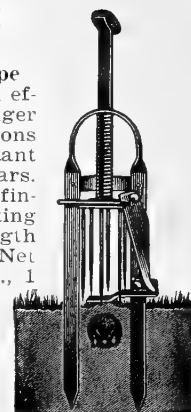
Numerous other uses — i.e., Changing water in rose bowl—sprinkling clothes — filling battery, etc.



Plastic - seeds visible as sown - go twice as far. Saves thinning - for peas to petunias.

VICTOR MOLE TRAP

Standard Spear Type
A sure, sensitive, and effective spear, or plunger type trap that harpoons the mole, causing instant death. Six prong Spears. Trap attractively finished with rust resisting coating. Extreme length when sprung 16 3/4 in. Net weight per trap 1 lb., 1 oz. Packed one trap in a shipping carton with card of instructions for setting and using.



Price: Each \$1.80

Aluminum Plant Markers

Write plant names on the etched surface. They can be erased for use again. Made of durable aluminum these markers will never rust. Available in either 12-inch or assorted length.



Inoculate all Legume Seeds with NITRAGIN

1898—FIFTY-TWO YEARS OF SERVICE—1950
When Ordering Always State Name of Seed

COMBINATION (AB)

Size Retail
1 bu. each . . . \$.50
2 bu. each90

ALFALFA (A)

Sweet, Bur, Hubam
Clovers
1 bu. each . . . \$.50

CLOVERS (B)

Red, Alsike, Crim-
son, White and
Ladino.
1 bu. each . . . \$.50

LESPEDEZA (L)

100 lb. size (Inocu-
lates up to 100 lbs.)
each \$.50

PEAS, VETCHES (C) (All Varieties)

100 lb. size (Inocu-
lates up to 100 lbs.)
each \$.50

SOYBEANS (S)

Size Retail
2 bu. each . . \$.35
5 bu. each . . .55
25 bu. (1 can) .250

BEANS (D)

Navy, Pinto, Wax,
String, Kidney and
Great Northern
1 bu. each . . . \$.50

PEANUTS, COW PEAS (E)

2 bu. each . . . \$.35
5 bu. each55

GARDEN SIZE — Peas, Beans, Sweet Peas, Lupines, Lima Beans and Edible Soybeans.

Enough for 8 lbs. seed—Retail Price 15c/ea.

the modern idea
in fencing

Easy to hammer
into hard ground





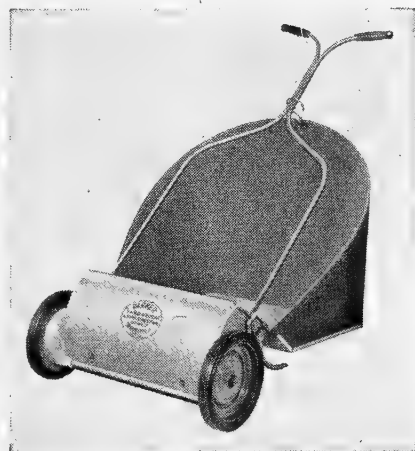
REO Royale Power Mower

- Sensational.
- 21-inch cut.
- "Magic Touch" (Finger-tip control).
- 1½ hp. Reo engine.
- Adjustable cutting height.
- Handle stands straight up for easy storing.

Dozens in use here in the Valley. Ask the fellow who owns one. You couldn't buy it from him if he couldn't replace his. So easy to operate . . . the children can run it. Easy to start. Not an assembled mower but one made totally by Reo Motor Car company. You'll be proud to own one.



LET US DEMONSTRATE THE **REO** FOR YOU!



PARKER

"Yardgroom" LAWN SWEEPER

Grooms your lawn as it sweeps up clippings, leaves . . . and acorns, too. Sweeps your lawn in a fraction of the time consumed with a rake. Just push it around as you would a mower.

Your lawn will be more luxuriant if you use a "Yardgroom". Just as a brisk brushing improves a head of hair, so does a "Yardgrooming" improve the texture and luxuriance of your lawn.

Comes in Three Sizes and Styles

Get our Prices Before You Buy!



WISE
WESTERN
GARDENERS

depend upon

**Sunset
Books**

—because they are written by Westerners for Western gardening conditions.

Look for This Display



ALL-LEATHER • DIRT-PROOF
WASHABLE

yet so soft and pliable they allow almost bare-handed freedom. Comfortable wear with thorough protection. Economical, too, for they are very durable and can be worn the year round for general home use as well as gardening. Three sizes.

LADIES' SMALL	MEN'S MEDIUM
LADIES' MEDIUM	MEN'S LARGE
LADIES' LARGE	

Ladies' Sizes, \$1.35 pr. Men's Sizes, \$1.45 pr.

MISCELLANEOUS PLANTS

The Streamliner STRAWBERRY



We introduced this outstanding new variety four years ago and it has lived up to all the claims made by the originator. For real, honest-to-goodness flavor Streamliner can't be beaten. It is an everbearing variety of heavy yielding propensities. Berries are deep red, entirely through the fruit. Unlike many everbearing strawberries, Streamliner holds its size and flavor throughout the entire season and bears luscious fruit until frost. You'll marvel at its productiveness and flavor. Streamliner produces runners. Order early.

Dozen \$1.10; 25 plants \$2.00; 50 plants \$3.25;
100 plants \$4.40

KING NECTARBERRY



We introduced this flavorsome berry in 1943. It has filled every claim we made for it. Nectarberries are of mammoth size with particularly large juice cells. The flavor is delicious, carrying the tang of Youngberry and the pleasing taste of Raspberry. Nectarberries begin to ripen about two weeks after the first Youngberries and vines will be completely loaded with ripe and partially ripe berries and bloom. They have less acid and are a dark wine color, almost black when ripe. Almost seedless. Hardy under both drouth and cold. Winters successfully in the colder states. Fine for jam or jellies and without a peer as fresh fruit with cream. Our plants come to us from a dependable grower who has made the growing of berries his main endeavor. We guarantee strong, true-to-type plants in one year tips. Let us quote prices.

1 to 50 plants, 30c each; 100 plants, 25c each

New Gem Strawberry. This is an exceptionally fine strain of runner-type strawberry; produces fine flavored fruit. An everbearer with very firm, excellently flavored fruit, of good size and very uniform. Unlike many white center everbearing types, Gem is red entirely through the fruit. Very hardy, easy to start, bears consistently and late. **Doz.** 85c; 25 plants \$1.50; 50 plants \$2.50; 100 plants \$4.00.

Mastodon Strawberry. An old favorite. Heavy producer in the early season tapering off during the summer with a pick up in production in the fall. Bright color outside but lighter interior. This has long been a favorite with many. However, Mastodon does not compare in quality with Streamliner although it still seems to be the choice of many folks. **Doz.** 85c; 25 plants \$1.50; 50 plants \$2.50; 100 plants \$4.00.

CANEberries

Indian Summer (Everbearing Red Raspberry). A new two-crop Red Raspberry developed by the New York Experiment

Station. Bears in summer and again in fall, continuing until frost. The berries are large, somewhat conical, of medium red color and high quality. Plants are hardy and vigorous growers. Indian Summer is a raspberry you should have in your garden. Surpasses any everbearing type introduced. We have eaten Indian Summer berries as late as November 15th and they were delicious. 25c each; 10 plants \$2.25.



New Washington (Raspberry). A new raspberry which is gaining in popularity

each year. Produces a very heavy crop of berries that are slightly larger than Cuthbert, firmer and brighter in color. New Washington is disease resistant, a strong grower, fine for home garden or for shipping. 20c each; 10 plants \$1.75.

Cuthbert (Raspberry). This is the leading red raspberry. Strong and abundant bearer. Berries large, a beautiful deep crimson possessing a most pleasing flavor. Easy to pick and holds up well in shipping. Fine for home use or shipping. 20c each; 10 plants \$1.75.

Oregon Champion Gooseberries. Large, skin light green with flesh very sweet, juicy, excellent flavor. Very prolific bearer and will not mildew. 40c each; 10 plants \$3.75.

Cherry Currants. The largest of all red currants; berries sometimes more than half-inch in diameter; bunches short; plant very vigorous and productive when grown on good soil and well cultivated. 35c each; 10 plants \$3.25.

KNOW YOUR Garden Pests---and this is the way to beat them...

FUNGUS PESTS



POWDERY MILDEW ON PEAS GRAPES ROSES

BLACK SPOT



LEAF SPOTS

EARLY AND LATE BLIGHTS ON POTATOES TOMATOES



RUST ON SNAPDRAGONS HOLLYHOCKS

PEACH LEAF CURL

INSECT PESTS

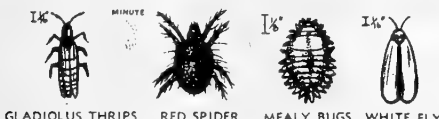


BEETLES CATERPILLARS

SNAILS

SLUGS

CUTWORMS



GLADIOLUS THIRPS RED SPIDER MEALY BUGS WHITE FLY

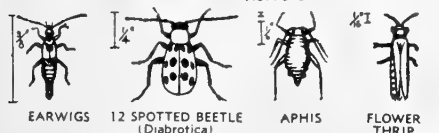


CABBAGE WORM

FLEA BEETLE

LEAF HOPPERS

SPITTLE BUG



EARWIGS

12 SPOTTED BEETLE (Diabrotica)

APHIDS

FLOWER THIRPS



In **SPRAYING** plants, care must be taken that not only the upper surface but also the underside of all foliage be reached where many insects deposit their eggs.

DUSTING has become the most popular way of fighting garden insects. Here, too, it is necessary to reach the underside of the plants to get at the hidden pests.



Some prefer to **SCATTER** anti-insect pellets among very young plants. Do so evenly.

Consult our advertising section for reliable information on pest control.

Do You Plant by the Moon?

For those of our customers who follow the time honored practice of planting by the moon, we have prepared this handy reference chart. It shows the day and the hour at which the moon enters each of its phases. For instance, on January 14th at 4:32 P.M., the moon enters the first quarter. It remains in this phase until January 22 at 8:47 P. M. when it becomes full.

New Moon



First Quar.



Full Moon



Last Quar.



1951

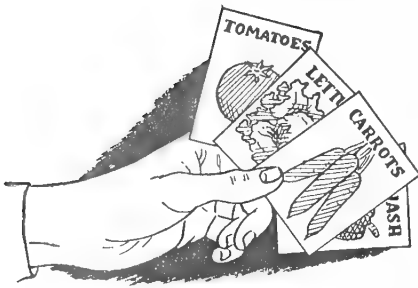
Jan.	7	12:10 P.M.	14	4:32 P.M.	22	8:47 P.M.	30	7:13 A.M.
Feb.	5	11:54 P.M.	13	12:55 P.M.	21	3:12 P.M.	28	4:59 P.M.
Mar.	7	12:50 P.M.	15	9:40 A.M.	23	2:50 A.M.	29	9:35 P.M.
Apr.	6	2:52 A.M.	14	4:55 A.M.	21	1:30 A.M.	28	4:17 A.M.
May	5	5:35 P.M.	13	9:32 P.M.	20	9:45 P.M.	27	12:17 P.M.
June	4	8:40 A.M.	12	10:52 A.M.	19	2:36 A.M.	25	10:21 P.M.
July	3	12:48 A.M.	11	8:56 P.M.	18	1:17 P.M.	25	12:59 P.M.
Aug.	2	4:39 P.M.	10	2:22 A.M.	16	4:59 A.M.	24	2:20 A.M.
Sept.	1	4:49 A.M.	8	10:16 P.M.	15	4:38 A.M.	22	8:13 P.M.
Sept.	30	5:57 P.M.						
Oct.	30	5:54 A.M.	7	4:00 P.M.	14	4:51 P.M.	22	3:55 P.M.
Nov.	28	5:00 P.M.	5	10:59 P.M.	13	7:52 A.M.	21	12:01 P.M.
Dec.	28	7:43 A.M.	5	8:20 A.M.	13	1:30 A.M.	21	6:37 A.M.

QUANTITY OF SEED AND SPACING FOR HOME AND MARKET GARDENS

VEGETABLE	Seed Required for 50 ft. of row	Seed Required to sow an acre	Distance between rows inches	Distance apart in rows inches	Depth of planting inches	VEGETABLE	Seed Required for 50 ft. of row	Seed Required to sow an acre	Distance between rows inches	Distance apart in rows inches	Depth of planting inches
Artichoke, Globe	1/4 oz.	6 to 8 oz.	40 to 48	18 to 24	1	Kohl Rabi	1/4 oz.	4 to 5 lbs.	14 to 24	4 to 6	1/2
Asparagus	1/2 oz.	4 lbs.	14 to 24	3 to 6	1	Leek	1/4 oz.	4 lbs.	14 to 36	2 to 3	3/4
Beans, Bush	1/2 lb.	50 to 60 lbs.	24 to 30	2 to 3	1 1/2 to 2	Lettuce	1/4 oz.	3 lbs.	12 to 18	4 to 12	1/4
Beans, Lima	1/2 lb.	30 to 50 lbs.	24 to 36	3 to 6	1 1/2 to 2	Melon, Musk	1/2 oz.	3 to 4 lbs.	70 to 80	36 to 60	3/4
Beans, Pole	1/2 lb.	30 to 35 lbs.	36 to 48	6 to 8	1 1/2 to 2	Melon, Water	1/2 oz.	3 to 4 lbs.	72 to 96	72 to 96	3/4
Beet	1/2 oz.	8 to 14 lbs.	14 to 24	3 to 4	1/2 to 1	Mustard	1/2 oz.	4 lbs.	14 to 24	6 to 9	1/2
Beet, Mangel & Sugar	1/2 oz.	6 to 10 lbs.	18 to 24	6 to 9	1/2 to 1	Okra	1 oz.	8 to 10 lbs.	24 to 40	18 to 24	1
Swiss Chard	1/2 oz.	6 to 10 lbs.	18 to 24	10 to 12	1	Onion	1/4 oz.	3 to 4 lbs.	18 to 24	3 to 4	3/4
Broccoli	1/4 oz.	4 oz.	20 to 36	16 to 22	1/2 to 1	Onion (for sets)	1/4 oz.	60 to 85 lbs.	12 to 14	Not thin'd	3/4
Brussels Sprouts	1/4 oz.	4 oz.	20 to 36	16 to 22	1/2 to 3/4	Parsnip	1/2 oz.	3 to 4 lbs.	18 to 24	3 to 4	1/2
Cabbage	1/4 oz.	4 oz.	18 to 36	14 to 24	1/2	Parsley	1/4 oz.	3 to 4 lbs.	12 to 20	6 to 8	1/2
Cardoon	1/2 oz.	5 oz.	20 to 32	20 to 30	1/2 to 1	Peas	3/4 lb.	90 to 180 lbs.	24 to 36	1 to 2	1 to 2
Carrot	1/4 oz.	3 to 4 lbs.	16 to 24	1 to 3	1/2	Pepper	1/8 oz.	1 to 2 lbs.	20 to 30	18 to 29	1/2
Cauliflower	1/4 oz.	4 oz.	24 to 30	20 to 24	1/2	Potatoes	8 lbs.	800-1000	24 to 36	18 to 24	6
Celery	1/2 oz.	4 oz.	24 to 30	4 to 6	1/4	Pumpkin	2 oz.	3 to 4 lbs.	96 to 110	60 to 84	3/4
Chicory	1/2 oz.	4 to 5 lbs.	20 to 36	2 to 3	1/2 to 1	Radish	1/2 oz.	10 to 12 lbs.	12 to 18	1 to 2	1/2
Collard	1/4 oz.	5 oz.	24 to 30	14 to 18	1/2	Rhubarb	1/2 oz.	3 lbs.	24 to 42	20 to 24	1/2
Corn, Pop	3 oz.	6 to 8 lbs.	34 to 40	6 to 8	1	Rutabaga	1/2 oz.	2 to 4 lbs.	18 to 24	4 to 7	1/2
Corn, Sweet	4 oz.	10 to 12 lbs.	30 to 42	9 to 12	1	Sage	1/2 oz.	4 to 5 lbs.	20 to 24	6 to 10	1/2
Corn Salad	2 oz.	10 to 12 lbs.	14 to 18	3 to 4	3/4	Salsify	3/4 oz.	7 to 8 lbs.	18 to 24	2 to 3	3/4
Cress	1 oz.	10 lbs.	12 to 18	2 to 4	1/2	Sorrel	1/2 oz.	4 to 5 lbs.	18 to 22	2 to 3	1/2
Cucumber	1/2 oz.	3 to 4 lbs.	48 to 60	12 to 36	1/2 to 3/4	Spinach	3/4 oz.	10 to 20 lbs.	14 to 18	3 to 5	3/4
Dandelion	1/4 oz.	5 to 6 lbs.	18 to 22	6 to 10	1/2	Squash, Bush	1 oz.	4 to 6 lbs.	42 to 48	42 to 48	1
Dill	1/2 oz.	5 lbs.	20 to 36	4 to 6	1/2	Squash, Vining	1 oz.	4 lbs.	72 to 90	60 to 90	1
Egg Plant	1/2 oz.	5 to 6 oz.	24 to 36	18 to 24	1/2	Sunflower	1 oz.	7 to 8 lbs.	48 to 70	10 to 12	1
Endive	1/2 oz.	4 to 5 lbs.	18 to 24	8 to 12	1/2	Tomato	2 oz.	40 to 60	36 to 40	36 to 40	1/2
Fennel	1/2 oz.	3 to 4 lbs.	24 to 32	5 to 8	3/4	Tobacco	2 oz.	36 to 48	24 to 36	24 to 36	1/2
Kale	1/2 oz.	4 to 5 lbs.	24 to 32	14 to 22	1/2	Turnip	1/2 oz.	2 to 3 lbs.	12 to 20	2 to 4	1/2

GREENS ARE HEALTHFUL TO EAT, EASY TO GROW, PLANT IN SUCCESSION

HOW TO GROW VEGETABLES



Before you start to plant, sit down with pencil and paper and plan your garden to fit your space. Just two or three feet of row are enough for parsley, but allow lots of space for beans, corn, peas, and vine crops.



The best time to add fertility to your soil is when you spade the garden. Cover the ground with manure (if available) or recommended amounts of commercial fertilizer, turning it under as you spade.



Make a fine seed bed. The finished condition of your soil, with all clods broken and well pulverized, will make it possible to attain perfect stands of plants and help small seeds to make a good start.



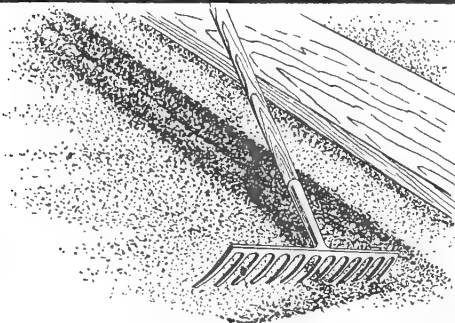
A string drawn tight between two stakes will help you make straight rows. Draw a line with a stick for shallow furrows, or with a hoe for deeper ones, depending on the kind of seed to be planted.

SOIL LEVEL	
0	ENDIVE, CARROT, RADISH, CUCUMBER, BEAN
1/2	ONION, PARSLEY, SWISS CHARD, OKRA, CORN
1 in	LETTUCE, PEPPER, TOMATO, BEET, SQUASH, WATERMELON
2 in	MUSTARD, TURNIP, SPINACH, CAULIFLOWER, MELONS

Vegetable seeds should be planted at the depths indicated on the chart above. Some kinds should be just barely covered, while others, like peas, may be planted even deeper than indicated if soil is sandy.



Sow seed thinly, keeping in mind the distance apart which the growing plants should be spaced in the row. Plant somewhat heavier than final spacing, and thin out the excess plants while still small.



Draw the soil back into the furrow to cover the seed planted. Firm the soil over the seed by laying a board over the row and walking on it, or by tamping with the flat side of the rake.



Even where summer rainfall is normally enough to support growth, irrigation in the home garden will greatly increase yields if practiced during dry spells. Follow the plan illustrated above.



Additional fertilizer during the growing season is of great help for many garden plants. Corn, melons, onions, celery, and squash particularly respond to this mid-season "spot" fertilizing.



The principal reason for cultivation is to kill weeds. It's not necessary or desirable to stir the soil deeply. Cultivate just deep enough to cut off the weeds without disturbing the roots of the garden plants.



It's not hard to keep pests under control if you make a daily inspection of your garden. Begin spraying or dusting at the first sign of damage—don't wait until the plants are seriously injured.



Many crops, like cucumbers, summer squash, beans, peppers, and egg plant will stop bearing if their fruits aren't removed. It is important to pick these crops daily in order to prolong their bearing period.



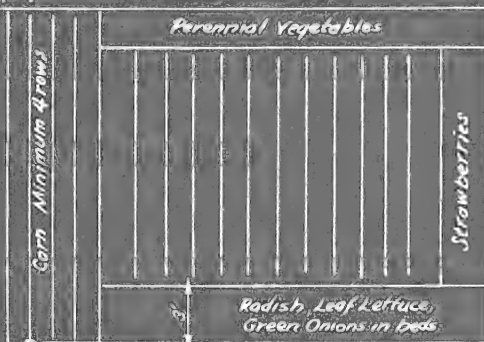
VEGETABLES—WHY NOT?

Rows run north and south to take advantage of necessary sunlight. Select kinds and varieties desired. Sow in GROUND: Beans, Peas, Corn, Carrots, Beets, Melons, Onion, Lettuce.

SOW IN FRAME (or flats in cold frame) Tomato, Pepper, Celery, Eggplant, Cabbage and Cauliflower and transplant. Prepare soil and replant after crop has been harvested.

Blueprints for Better Gardens

25'-50' (Width of lot)



VEGETABLES—WHY NOT? A well planned vegetable garden will provide pleasure for every member of the family. The most modern methods of handling commercially grown garden produce can not put vegetables on your table that will match the freshly gathered home grown product for eating quality.

Don't forget the Compost Pile

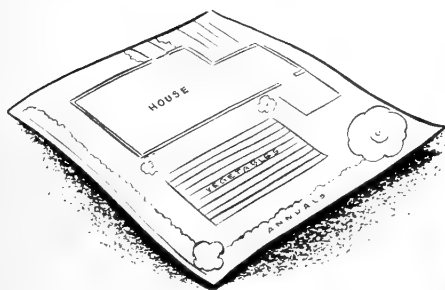


Compost your lawn clippings, vegetable tops and peelings, dry leaves and other vegetable matter for a rich source of humus and plant food.

Make a pit or bin and throw the compost material into it, add a sprinkling of packaged compost maker and 2 inches of soil to each foot of vegetable matter. Repeat until pile is 3 or 4 feet deep. Keep moist to promote bacterial action.

In about 6 months the compost will be ready to use. Spread it on the garden as you would barnyard manure. Used with peat moss and commercial fertilizer, compost is a really important aid to good gardening.

A little planning saves time and labor



A well-planted garden is not the result of on-the-spur-of-the-moment planting. A sketchy outline is sufficient to indicate where you want your vegetables, where your low-growing, where your tall-growing flowers. The result of planning will be a thought-out garden with year-round flowers in bloom.

PREPARING VEGETABLES for FREEZING

1. Use only the finest vegetables obtainable.
2. Prepare and freeze vegetables as quickly as possible to preserve the vitamins, texture and flavor.
3. Scald vegetables by placing in colander, strainer or similar container and immerse in rapidly boiling water. Use only small quantities so water will come to boil within half a minute after vegetables are added. Count only the time that the water is boiling. Drain quickly.
4. Cool by immersing immediately in cold water, preferably ice water. When vegetables are thoroughly cooled remove and drain.
5. Pack in suitable airtight containers such as waxed cardboard cartons, tempered glass jars or lacquered tin cans. Allow 1 to 1½ inches space for expansion in freezing.
6. Place in quick freeze immediately after packing.

Asparagus. Wash and cut into desired lengths, blanch 2 to 3 minutes.

Green Lima Beans. Shell and scald 1 to 1½ minutes.

Green Beans. Wash, stem and string. Scald whole beans 5 to 6 minutes, cut beans 2 to 3 minutes, French cut beans, 1 to 2 minutes.

Brussels Sprouts. Soak in salt brine or cold water 15 minutes. Scald 3 to 4 minutes.

Cauliflower. Break into flowerets, soak 5 minutes in brine, scald 2½ to 3½ minutes in brine.

Carrots. Wash and dice or slice. Small carrots may be left whole. Scald diced or sliced carrots 2 to 3 minutes, whole ones 3 to 5 minutes.

Corn on the Cob. Husk, trim and wash. Scald, a few ears at a time, for 1 to 2 minutes. Chill thoroughly in ice water, drain and wrap each ear in parchment paper or moisture proof locker paper. THAW before cooking.

Whole Kernel Corn. Husk, trim and wash. Scald on the cob 2 to 3 minutes. Cut from cob, pack dry and seal tightly.

Peas. Shell and immediately scald for 1 to 1½ minutes.

Spinach. Blanch 1 to 2 minutes, a small quantity at a time. Avoid cooking. Stir gently while in the boiling water to prevent sticking together.

Zucchini. Use young tender squash. Wash, remove blossom ends, slice in sections 1 inch thick, scald 1½ to 2 minutes.

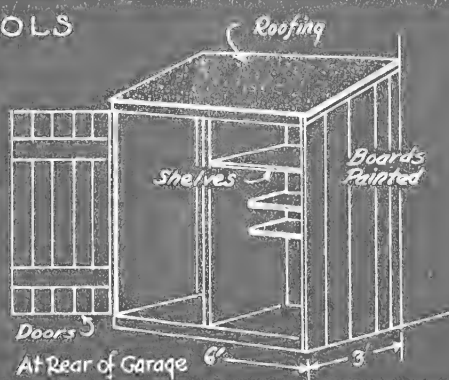
Note: In each case in the above directions it is understood that scalding is to be followed by draining, chilling, packing and quick-freezing.

SHED FOR GARDEN TOOLS

Keep tools clean and ready for use in a convenient easy to build shed. One shown will hold average important home garden tools. Shelves hold small tools, insecticides, fertilizers, etc.

Heavy tools sit on floor, light tools hang from pegs at rear wall. Board & batten doors can be locked with hasp and padlock.

Blueprints for Better Gardens



Gladiolus

The varieties marked * are the top Blue Ribbon Winners of the year.

Beacon (Palmer). Clear bright rose-scarlet with a large cream blotch; medium large, slightly ruffled, 8 to 10 open on a very tall straight spike. 8c each; 80c dozen.

***Black Opal.** Probably the darkest of all gladiolus, the color being a deep black red. The finest of the dark shades. 11c each; \$1.10 dozen.

***Blue Beauty.** (Pf.) Light blue, shading darker toward the edges, giving the appearance of medium blue. Large wide open round flowers. 9c each; 90c dozen.

***Burma.** A striking deep rose shading to a lighter tone in the throat of the heavily ruffled flowers. 12c each; \$1.20 dozen.

Chamouny. Cerise rose, silver edged flowers of medium size, round and lightly ruffled. 8 to 10 flowers open at a time. A most distinct and beautiful mid-season variety. 11c each; \$1.10 dozen.

King Lear. Clear, deep reddish purple with silver line on edge of petals. 5-6 blooms open on a tall, strong, slender spike. 9c each; 85c dozen.

***Lady Jane.** Free blooming, with large ruffled flowers of a clear smooth cream; yellow lip. 11c each; \$1.10 dozen.

***Margaret Beaton (Twomey).** One of the most beautiful blotched varieties. Tall, large and white with small scarlet feather. Opens about eight flowers. Good propagator. 8c each; 80c dozen.

Pandora. Clear, soft geranium pink, pleasingly accented with somewhat darker line in throat. Opens 8-10 blooms. Medium height. 11c each; \$1.05 dozen.

***Picardy (Palmer).** Color soft apricot-pink with a silvery sheen, feathering of slightly deeper color in the throat. 8c each; 80c dozen.

These are NEW introductions Glads that will give no end of pleasure

Commando. Fiery red with tinge of smoky lavender. You'll love it. Each 15c; \$1.55 dozen.

Cover Girl. An outstanding new pink. Tall spikes, mammoth flowers. Don't pass this one. Each 13c; \$1.25 dozen.

Great Lakes. Light blue, clear and unflecked. Most attractive. Each 20c; \$2.15 dozen.

Lipstick. Light pink with violet rose in throat. Just wait until you see this one. Each 20c; \$2.15 dozen.

Pink Charm. Apricot buff with rose throat. You'll fall in love with it. Each 20c; \$2.15 dozen.

Be the first to have these in your neighborhood.

Purple Supreme. Bright purple flowers well spaced on the tall slender stems. Good grower and will not burn in the sun. 9c each; 90c dozen.

***Red Charm.** Unique shade of medium red that is very attractive. Large, sturdy grower of great vigor. 9c each; 90c dozen.

Snow Princess. An excellent white variety for exhibition and cut flowers. Tall, vigorous grower. 8c each; 80c dozen.

***Spotlight.** The finest yellow. Large blossoms of clear deep yellow with a small blotch of red in the throat. 10c each; 95c dozen.

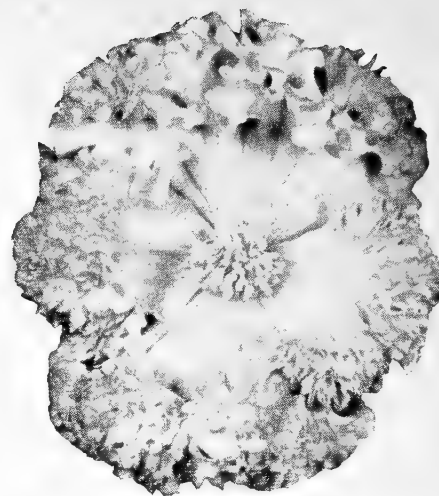
White Gold. Huge creamy white blooms, golden yellow in the throat. A vigorous grower with good straight stems. 9c each; 90c dozen.

Yellow Emperor (Ellis). Large flowered deep yellow. Vigorous grower. Best yellow in its class. 9c each; 85c dozen.

MIXED GLADIOLUS

We offer you a mixture of finer varieties in a rainbow of colors at prices substantially below those of straight varieties.

Doz. 74c; 100 bulbs \$4.75; 50 bulbs \$2.60.



SINGLE FRILLED
TUBEROUS BEGONIA

TUBEROUS Begonias

DOUBLE CAMELLIA TYPE

The largest and most popular types. Individual flowers from 4 to 8 inches in diameter, resemble Camellias and Roses. In all forms and variations of color. Colors: White, yellow, cardinal, red, pink, rose, blush, dark red, orange, apricot, flame, orange.

Tubers—Delivery January-March.

SINGLE FRILLED TYPE (CRISPA)

Perhaps the most adorable of the single types—beautifully frilled and ruffled on the edge.

Colors: Orange, apricot, red, salmon, pink.

Tubers—Delivery January-March.

CARNATION TYPE

Carnation flowered Begonias are just as large as the famous Camellia types. Colors: Orange, scarlet, salmon, and Fascination, a pink-cream combination.

HANGING BASKET TYPE

Available in rose, yellow, scarlet and salmon.

All Begonias Are
35c each; 3 for \$1.00



HANGING BASKET TUBEROUS BEGONIA



Dahlias

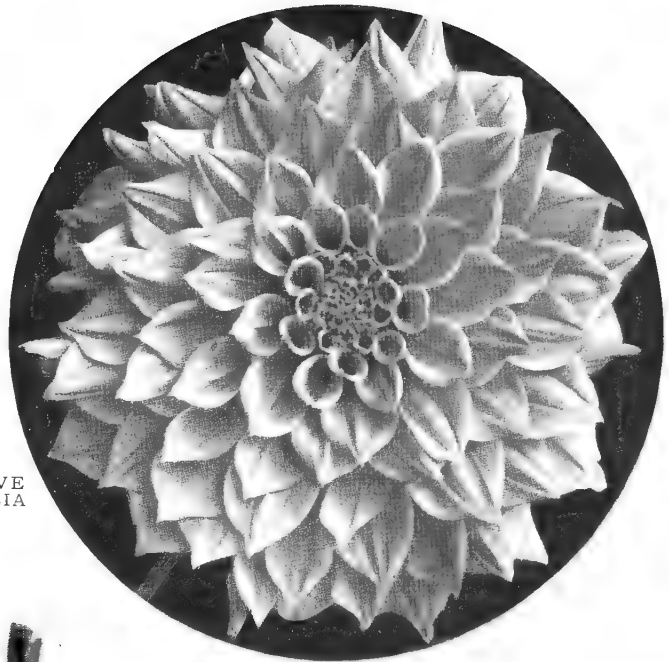
While we feature Compton's Dahlia collections as illustrated, we also supply individual, named varieties in most exquisite colors and varieties. A visit to our bulb counter will reward you with the finest and latest introductions.

See Opposite Color Page for
Cultural Directions on
Gladiolus, Dahlias and Begonias

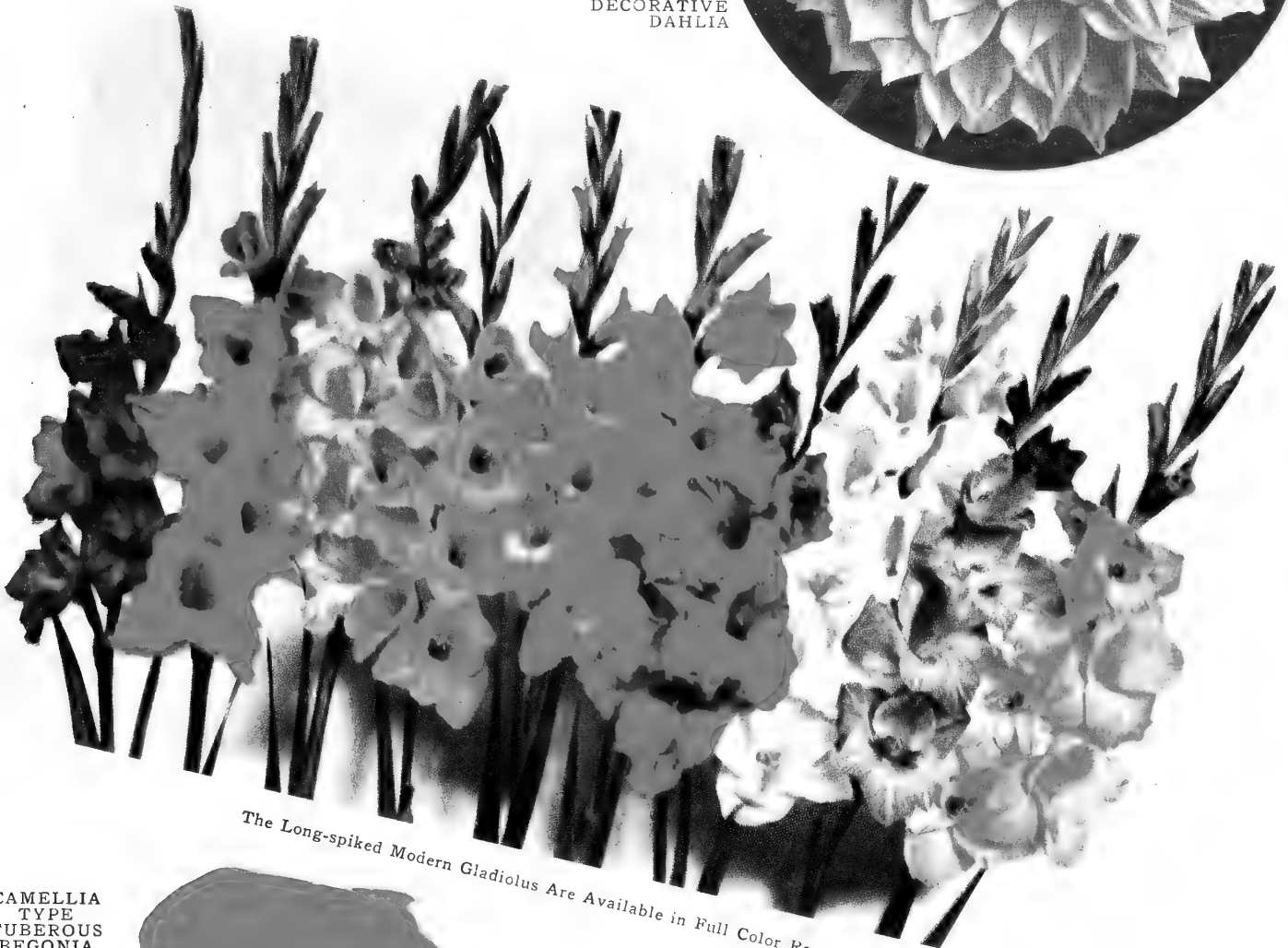
SUMMER FLOWERING BULBS AND TUBERS

Gladiolus and Dahlias provide brilliant summer bloom for garden decoration and cutting. Gladiolus may be planted as early as the ground is workable. Make successive plantings every two weeks until the first of July. Plant the bulbs about 4 inches deep and 6 inches apart in the rows. Ample moisture and frequent cultivation will produce the best spikes. Dust the plants frequently with D.D.T. to control thrip where present.

Both Dahlias and Gladiolus thrive best in an open situation where there is ample light and air circulation.



DECORATIVE
DAHLIA



The Long-spiked Modern Gladiolus Are Available in Full Color Range

CAMELLIA
TYPE
TUBEROUS
BEGONIA



Dahlias should be planted as soon as the ground has warmed up in the spring. Plant about 6 inches deep in well prepared soil, spacing the tubers 2 feet apart for pompons and miniatures and 3 feet apart for the larger sorts. Place a stout stake near each tuber and tie the stalks to the stake as the plant grows. Top the young dahlia plant if lower growth and branching is desired.

The Tuberous Begonias with their magnificent color range do for the shaded areas of your garden what the Glads and Dahlias do for your sunny spots; they spark them with color.

Plant indoors in a warm place in February or March in moist sand or peat moss just covering the bulb. Pot up when well sprouted in a mixture of peat moss, humus or soil. Plant outdoors after danger of frost has passed. They do best in northern locations where they are shaded much of the day. Prepare soil carefully and add liberal quantities of peat moss or well decayed leaves. Keep well watered and fertilized. Dig and store in late fall in a dry place during the winter. Warning—Failure is likely to result from planting dormant tubers in open ground, especially if it is cold and wet.

Selected

Here is a truly selective list of vegetables for the home and market gardener.

Long experience enables us to offer you this carefully chosen selection which we know will give the best results in this area. **Varieties suitable for freezing marked (Fz.)**

No matter how much work and care you put into your vegetable garden you can not expect good results unless you use reliable seed. We pride ourselves on the quality of our seeds and sell them with confidence that you will find them highly satisfactory.

Turn to page 22 for easy-to-follow cultural directions and to page 23 for valuable information on freezing vegetables.

All vegetable prices are listed separately on page 17 of this catalog.

Grow Your Own Vegetables

Garden fresh vegetables are the richest, surest source of health-giving, health-preserving vitamins. Insure your family's health by raising these easy-to-grow vegetables:

Beans: Vitamins A, B, C, G.

Beets: Vitamins C, G; greens: Vitamins A, G.

Carrots: Vitamins A, B, C, G.

Corn: Vitamins A, B, C, G.

Cucumbers: Vitamins A, B, C.

Lettuce: Vitamins A, B, C, G, E.

Muskmelon: Vitamin C.

Onions: Vitamins B, C, G.

Parsley: Vitamin C.

Squash: Vitamins A, B.

Tomatoes: Vitamins A, B, C.

Turnips: Vitamin C; greens: Vitamins A, B, C, G.



"Freeze
Your
Garden"

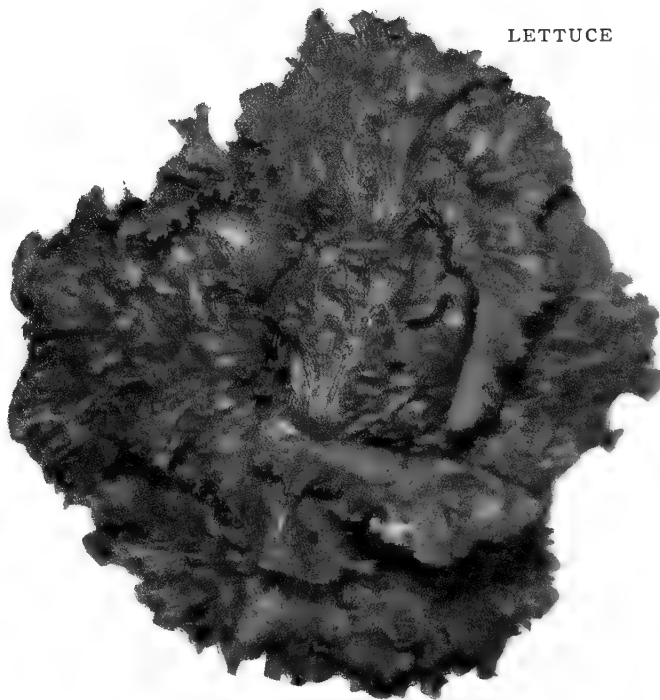


You can enjoy the goodness of your own garden fresh vegetables the year around by freezing them. No other method of preserving can give you more appetizing and flavorful vegetables for your table.

The letters (Fz.) after certain descriptions indicate the best varieties to freeze.

For best results follow instructions on page 23.

LETTUCE



Vegetable Seeds

Please add postage to price when ordering by mail.



ASPARAGUS

ASPARAGUS

1 oz. to 100 ft.

Sow in spring, 15 to 20 seeds to the foot. Cover 2 inches. Transplant to permanent beds the next spring.

Paradise. New variety. It has the same deliciously mild flavor of Mary Washington, is earlier and a heavier yielder. Resistant to rust. Shoots rich green. Pkt. 15c.

BEANS

Bush, 1 lb. to 150 ft., 50 to 60 lbs. per acre.

Pole, 1 lb. to 150 hills, 30 to 35 lbs. per acre.

Lima, 1 lb. to 150 ft., 30 to 50 lbs. per acre.

Bush, Green Pod

TOP CROP. All America Selections Gold Medal Winner for 1950. Developed by the U. S. Dept. of Agriculture. Plant is vigorous and very prolific, carries the pods low. Resistant to common bean mosaic. The 6-inch long pods are medium green, round, $\frac{3}{8}$ inch in diameter, very straight, stringless. Matures in 50 days. Pkt. 15c; 1 lb. 65c.

Dwarf Horticultural. Particularly desirable green shell and snap bean for home and market garden. Plant medium high, thrifty and productive. Pods dark green at snap stage (53 days). Pkt. 15c; 1 lb. 70c.

Improved Stringless Green Pod. High quality for home and market garden. Plant large, thrifty, heavily productive. Pods medium green, $5\frac{1}{2}$ inches long, almost $\frac{1}{2}$ inch wide and equally thick. Very fleshy, strictly stringless, fine grained, tender. Seeds coffee brown. 53 days. Pkt. 15c; 1 lb. 45c.

Tendergreen. A bush bean of utmost value. The plants make a strong and vigorous growth. They are well branched and carry a great quantity of beautiful light green beans. The pods grow 6 to 7 inches long. They are round, extremely meaty, and absolutely stringless. 54 days. (Fz.) Pkt. 15c; 1 lb. 35c.

Bush, Wax Pod

Average maturity 52 days from seed

Pencil Pod, Black Wax. Very desirable for home and market garden and for truckers. Plants large and thrifty. Heavily productive over long period. Pods handsome bright yellow, $5\frac{1}{2}$ to 6 inches long, $\frac{3}{8}$ inch thick, cylindrical; very fleshy, stringless, brittle, fine grained, and tender. Quality unexcelled. Pkt. 15c; 1 lb. 60c.

Top Notch, Golden Wax. Blight resistant. A splendid home garden and canning variety. Plant small, productive. Pods very attractive; golden yellow; $4\frac{1}{2}$ to 5 inches long, $\frac{1}{2}$ inch wide, thick, oval; fleshy, brittle, stringless. Seeds white, splashed with violet, carmine and purple. Pkt. 15c; 1 lb. 60c.

Pole Beans

Mature in 75-80 days

Coaster. Early and heavily productive, setting pods from the base to the top. Pods long, 8 in., smooth, narrow and straight, dark green, oval in cross sections, stringless up to best market stage and only slightly stringy when fully mature. Disease resistant. Pkt. 15c; 1 lb. 55c.

Kentucky Wonder. The oldest favorite of all pole beans should be in every garden. The dark green pods are round and curved, measuring 9 to 10 inches; they are stringless when young. Seeds light brown. Pkt. 15c; 1 lb. 50c.

Kentucky Wonder Wax. An early and hardy bean somewhat resembling the Kentucky Wonder except in color of pods which are light yellow and broader. If a wax podded bean is desired this is the one best variety to plant. Seed oval, flattened, somewhat shriveled, dark brown. Pkt. 15c; 1 lb. 75c.

Oregon Giant. We highly recommend this variety to Northwest home gardeners. It keeps producing until killed by frost. Large, fleshy pods, 10 to 12 inches in length, stringless, light greenish yellow, splashed with red. A very tasty bean that requires very little care. Pkt. 15c; 1 lb. 60c.

Potomac. Six inches long, slender and round, this stringless meaty bean is a good climber and heavy producer. The snap beans are excellent for home or market. (Fz.) Pkt. 15c; 1 lb. 80c.

Lima Beans, Bush

Burpee's Improved Bush. Plants large, heavily productive. Pods large, $4\frac{1}{2}$ to 5 inches long. Usually contains 4 large, thick beans. Dry beans large, flat, greenish white. Thin to 18 inches apart. Mature in 75 days. Pkt. 15c; 1 lb. 50c.

Butter Bean (Sieva). Very popular in the South where it is commonly known as Butter Bean. Very delicious and good yielder. Pkt. 15c; 1 lb. 45c.

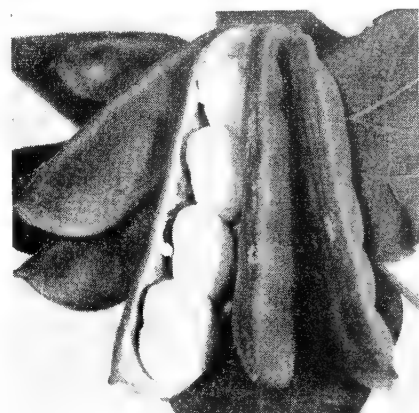
Cangreen. 68 days to maturity. Cangreen is notable for the green color of the fleshy part of the seed in the dry stage. Attractive for canning. Yields a prolific crop. (Fz.) Pkt. 15c; 1 lb. 50c.

Lima Beans, Pole

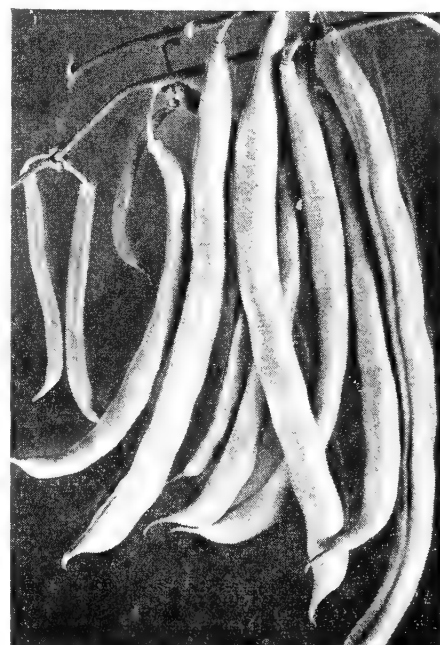
King of the Garden. Plants tall, good climber, hardy and vigorous. The pods are flat, $1\frac{1}{2}$ inches wide, about 6 inches long and contain 4 to 5 large oval greenish white beans. Seed large, flat and white. Matures in 88 days. Pkt. 15c; 1 lb. 50c.



Bush Bean, Greenpod TOP CROP
All America Gold Medal Winner 1950



LIMA BEAN



BEANS, BLUE LAKE POLE



BRUSSELS SPROUTS

BEETS

1 oz. to 100 ft., 4-6 lbs. per acre

Prefer a rich sandy loam but will produce in any well fertilized soil. Space rows 14 to 24 inches apart.

Detroit Dark Red. The standard of excellence in table beets for home and market garden, for shipping, and for canning. Tops uniform, small, tender, erect. Roots globe shaped; symmetrical, with small collar and small tap-root. Very dark blood red. Mature in 52 to 55 days. Pkt. 10c; oz. 20c.

Early Blood Turnip. A medium early variety for home and market garden use. Matures in 65 to 70 days from seed. Tops medium, but somewhat coarse. Roots top-shaped; dark red. Flesh bright red with zones of lighter shade. Pkt. 10c; oz. 15c.

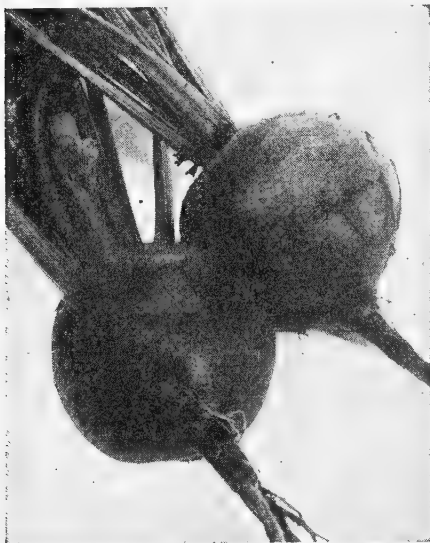
Mangel (or Stock Beet)

1 oz. to 100 ft., 6 to 10 lbs. per acre

Valuable as stock feed

Giant Half Sugar. This variety is one of the favorites among the dairymen and hog raisers. It is very sweet and nutritious, as it has a higher sugar content than the ordinary mangel. Pkt. 10c; oz. 15c.

Mammoth Long Red. Superior to strains offered previously. Roots large, long spindle-shape, straight, and thick; grows $\frac{1}{3}$ to $\frac{1}{2}$ out of ground; light red; flesh white tinged rose. Heavy yielding. Pkt. 10c; oz. 15c.



BEET, DETROIT DARK RED

BROCCOLI

$\frac{1}{2}$ oz. to 100 ft., 4 oz. per acre

This is similar to cauliflower and is especially suited to Pacific Coast states.

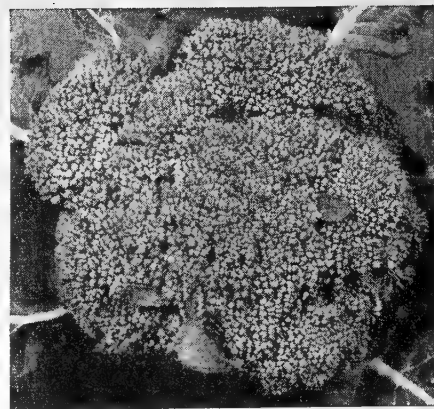
Italian Green Sprouting. This vigorous plant is entirely different from the white heading sorts. Cultivated like cabbage, it bears first a main head, then a succession of sprouts which, if kept cut, will be replaced by others for 8 to 10 weeks. Each sprout about 5 inches long, ends in a small head of dark green buds. It is one of the most delicious green vegetables. (Fz.) Pkt. 10c; oz. 40c.

BRUSSELS SPROUTS

$\frac{1}{2}$ oz. to 100 ft., 4 oz. per acre

Can be successfully grown wherever conditions are favorable for late cabbage and require the same method of culture. They mature best in the autumn after the weather becomes cool.

Dwarf Improved. Plants dwarf and compact, 20 inches tall. Very uniform; stem well covered with firm, round cabbage-like balls $1\frac{1}{4}$ to $1\frac{1}{2}$ inches in diameter mature in succession. Pick as needed. Pkt. 20c.



BROCCOLI

Control Cabbage Maggot with "CALOMAG"

CABBAGE

LATE VARIETIES

Mature in 90 to 100 Days

Danish Ball Head. One of the best late varieties. The plants are medium sized with short stems. Heads large; flattened globe shape; becomes 8 to 9 inches across, 6 to 7 inches deep, and weigh 7 to 9 pounds. Very firm and solid; of excellent quality; keeps perfectly in storage. Pkt. 10c; oz. 40c.

Late Flat Dutch. The best very large, late cabbage. A good keeper. Heads very large and flat, but deep; become 12 to 14 inches across, 7 inches deep, and weigh 12 to 14 lbs. or more; firm, good quality. Pkt. 10c; oz. 35c.

Mammoth Red Rock. A sure cropper and used very extensively for pickling. The solid heads are borne on medium-length stems and are red throughout. Perfectly round, solid and quite large. Often weighing 6 to 8 pounds each. The latest of the red cabbages. Pkt. 10c; oz. 50c.

Savoy. Enjoys great popularity on account of its tasty flavor which is more delicate than that of ordinary cabbage. The large round heads are somewhat flattened and very heavy. The deep green, crinkled outer leaves enclose the tender, light green heart. It matures in the fall and will keep all winter. Pkt. 10c.

CHINESE CABBAGE

Wong Bok. This exceptionally fine vegetable is rapidly growing in public favor. It resembles the Cos lettuce, forming long heads of crisp leaves. Very mild and pleasant flavored. Serve as a salad, or cooked. Pkt. 10c; oz. 35c.



CABBAGE, LATE FLAT DUTCH

Sow early varieties under glass and transplant to open ground as early as possible. Sow late varieties in open in April and May. Keep the crop well watered and cultivated. Best in good, heavy soil with good drainage; light soils should be well fertilized. Shallow but frequent cultivation.

EARLY VARIETIES

Mature between 60-65 days

Copenhagen Market. Distinctly and uniformly early. Splendid for early market and shipment; valuable as an early kraut variety. Plants small, compact, allowing very close planting. Stem short; heads uniformly round; firm; 6 to 7 inches in diameter. Weight, $3\frac{1}{2}$ to 4 lbs. Interior clear white and of excellent quality. Mature in 66 days. Pkt. 10c; oz. 40c.

Early Jersey Wakefield. Extremely early variety, very valuable for home and market garden as well as for shipment. Plants very small and compact, allowing close planting; stem short. Heads firm and conical; usually 7 inches long, 5 inches thick near base; weight 2 to $2\frac{1}{4}$ lbs. Pkt. 10c; oz. 35c.

Golden Acre. The earliest round-headed cabbage; especially valuable for early market and shipping. Plants very small and compact; stem short. Heads uniformly round; firm, commonly 6 inches in diameter and weigh 3 pounds. Pkt. 10c; oz. 40c.



CABBAGE, SAVOY



CARROTS, RED CORED CHANTENAY

CARROTS

½ oz. to 100 ft.; 3 to 4 lbs. per acre

Sow from April to July. Prefer a light, sandy soil.

Carrot Prices: Pkt. 20c; oz. 30c

Chantenay, Oregon (Long Type). Flesh is a deep golden orange color, always smooth and fine in texture, very tender. Excellent bunching variety. Medium early. 72 days.

Chantenay, Red Core. A fine carrot. Flesh tender and sweet, reddish orange with the core indistinct and of about the same color as the surrounding flesh. Suitable for canning and table use. 72 days.

Danvers Half Long. Red core. The roots are a rich dark orange and makes an excellent bunching variety. Most popular carrot, both with the grower and the shipper. Mature in about 75 days.

Improved Imperator. This carrot grows to a length of 7-8 inches with a shoulder diameter of 1¼ to 1½ inches, making a smooth crown. Does not have undesirable side shoots; has a fine texture, and is good and sweet. Deep orange. In all respects it is very attractive for shipping purposes. 77 days.

Nantes Coreless. Excellent for forcing, as well as for home and market garden use. Tops very small. Roots bright orange, cylindrical, blunt tipped. Flesh reddish orange, crisp, tender and of very delicate flavor. Practically coreless. 68 days.

Miller's
GARDEN PRODUCTS

RODUSTO

A complete insecticide-Fungicide, spray or dust. Contains Rotenone, Pyrethrum, Sulphur, Copper, etc. Controls most of the common insect pests and fungus diseases of the garden.

8 oz., 90c; 1 lb., \$1.00; 5 lbs., \$4.00

BOOSTER POWDER

Stimulates Plant Growth, Root Formation, Fruit Setting, Flower Production. Produces vegetables rich in flavor and minerals. Contains Nitrogen, Phosphorus, Potash, Calcium, Sulphur, Iron, Magnesium, Manganese, Zinc, Boron, Copper and Iodine. Add 1 tablespoon **Miller's Garden BOOSTER Powder** to 1 gallon water. Mix thoroughly.

4 oz., 25c; 1 lb., 50c; 5 lbs., \$1.50, plus postage.

CAULIFLOWER

½ oz. to 100 ft., 4 oz. per acre

Treat the same as cabbage but gather the tops of the leaves together loosely as soon as the heads begin to form.

Snowball "A". An early variety of good quality for spring planting for summer or early fall harvest. Heads of good depth, solid, ivory white, and of fine quality. Very even in time of maturity. Requires prompt handling. **Pkt. 15c.**

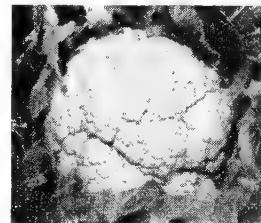
March Maturity. Replaces St. Valentine. Produces fine, white, large heads, well protected. Set plants in August and early September for February - March harvest. **Pkt. 25c.**

CELERY

½ oz. to 100 ft., 4 oz. per acre

Sow from February to May, transplanting in June to rows 3 feet apart. One ounce of seed will produce 5000 plants.

Golden Utah. A light yellow-green selection of the original "Utah." Has superb quality and size of original, plus easier bleaching quality.



Utah No. 15.

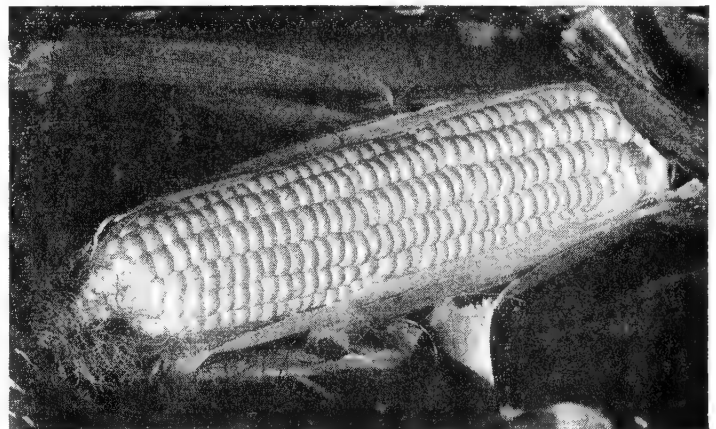
The popular green celery. Crisp, tender, delightful flavor. Edible stems 8-10 inches long.

Pkt. 15c.

SWEET CORN

In recent years hybrid types of sweet corn have been specially developed for special conditions. Ask for our recommendations.

Iochief (All American Gold Medal Winner). Ears 8½ to 9 inches long with 16 to 20 rows of glossy yellow kernels. High yielder, good color and quality and attractive appearance combine to make an ideal canning and freezing corn. Tried and proved adaptable to So. Oregon. (Fz.) **Pkt. 15c; 1 lb. 70c.**



Sweet corn, 8 oz. to 100 ft., 10 to 14 lbs. per acre

Plant in rich, warm soil, in hills, 2 to 3 feet apart, in rows 3 feet apart for early kinds and 4 feet apart for the late sorts. Make first sowing about the middle of May and continue fortnightly up to about the middle of July. Corn should be planted in blocks of at least 4 rows.

Hybrid

Listed in order of ripening

Tendermost (Hybrid). Matures in 80 days. Of all the hybrids developed, this is the most tender. You'll love its giant-size kernels with their sugary-sweet corn goodness, and delightfully tender hull. Ears average about 9 inches in length, with 14 to 16 rows of amazingly regular kernels. Tendermost stays sweet and tender on the stalk for nearly two weeks at a time. It's easy growing, high-yielding . . . and the best yet for quantity eating, canning and freezing. **Pkt. 15c; 1 lb. 75c.**

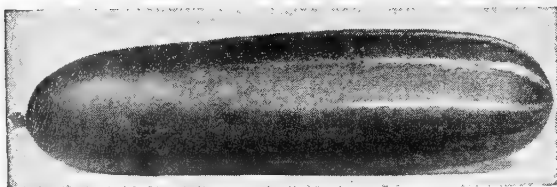
Golden Cross Bantam (Hybrid). Matures in 90 days. Still a favorite. The original hybrid variety. Twelve rows to the ear. Stalks sturdy and productive. Better adapted for growing under varied conditions. **Pkt. 10c; 1 lb. 55c.**

Golden Bantam. Matures in 78 days. This is the old open-pollinated variety. Many still prefer it to the Hybrid varieties, but its yield is much less per acre and worms are a problem which is not the case with Hybrid varieties. **Pkt. 10c; 1 lb. 45c.**

Hybrid Golden Hummer. Matures in 65 to 70 days. Be among the first to have yellow sweet corn by planting Hybrid Golden Hummer. It has large, attractive ears about 8 in. long with 12 even rows of tender sweet kernels. It has high yield and uniform growth. Very similar to Tendergold in growing and eating characteristics . . . but much earlier. Try some. **Pkt. 15c; 1 lb. 55c.**



NEW CORN IOCHIEF



CUCUMBER, STRAIGHT EIGHT

CUCUMBERS

1 oz. to 100 ft., 3 to 4 lbs. per acre

Mature in approximately 60 days

Sow outdoor varieties early in spring, in hotbeds or cold frame, and transplant to open ground when weather is suitable. For later crop, sow seed when weather becomes settled, in hills 4 to 5 ft. apart. They require a warm, rich soil, and should be watered liberally.

Early White Spine. Matures in 60 days. The most popular white spined cucumber for the home garden; extensively grown for shipping. Fruits medium dark green; remain in good condition remarkably long; 7 inches long; 2½ inches thick; slightly tapered; blunt. Pkt. 10c; oz. 25c.

Improved Long Green. (67 days.) The fruits are handsome, being of good form and of a deep green color which is retained a considerable time after picking. 9 to 10 inches. Pkt. 10c; oz. 30c.

Lemon. (65 days.) Little cucumbers resembling lemons in both form and color and have a delicious and distinctive flavor. Fine for preserves or sweet pickles and considered superb as a salad. Prolific. Pkt. 10c; oz. 50c.

National Pickling. (56 days.) A highly desirable pickling strain. Fruits are well warted; are dark green, symmetrical with thick walls; full ended. Slightly shorter than Chicago Pickling. Pkt. 10c; oz. 30c.

Straight 8. (66 days.) Symmetrical, cylindrical fruits about 8 inches long and 2½ inches in diameter. Fruits are well rounded at the ends and when ripe are deep green and free from objectionable striping or tipping. Ideal for home or market gardens. Pkt. 10c; oz. 30c.

EGGPLANT

¼ oz. to 100 ft., 5 to 6 oz. per acre

Sow in mild heat, about the middle of March, and transplant on June 1, setting the plants 2½ feet apart.

Black Beauty. (80 days.) The fruits of this variety are large and symmetrical. Retains its glossy black-purple coloring for a long time. This lasting quality makes it distinctly popular. Pkt. 10c.

ENDIVE

1 oz. to 100 ft., 4 to 5 lbs. per acre

Sow about the middle of April, in rows 1½ feet apart, and thin out to about 9 inches apart.

Broad-leaved Endive. Leaves long, broad, and succulent. Fine for winter salads and cooking. Pkt. 10c; oz. 20c.

Large Green Curled (Pink Ribbed). Outer leaves bright green, midribs tinged with rose. Center leaves blanch readily. Makes attractive salads. Vigorous and resistant. Pkt. 15c; oz. 30c.

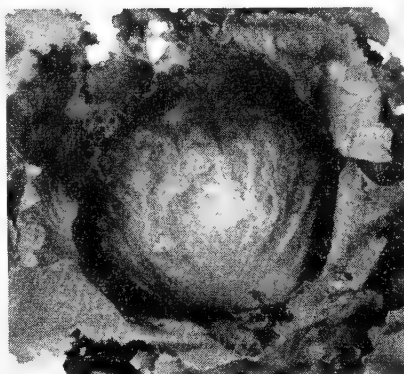
KALE, Borecole

1 oz. to 100 ft., 4 to 5 lbs. per acre

Culture same as late cabbage

Dwarf Green Curled Scotch. (55 days.) Plants have wide-spreading, finely curled blue green plume-like leaves. Relished as a vegetable green and useful as an ornament. Pkt. 10c; oz. 25c.

Jersey or Thousand Headed. Called Chicken or Cow Kale. Vigorous branching plants with enormous cabbage-like leaves. Relished by poultry and livestock as winter greens. Pkt. 10c; oz. 20c.



LETTUCE, N. Y. TYPE

½ oz. to 100 ft., 3 lbs. per acre

Sow indoors in February and March, planting outdoors when weather is suitable.

Great Lakes. (83 days.) A heading variety of the Imperial type developed by U. S. Department of Agriculture and Michigan Experiment Station. Leaves large and well folded; ribs heavy. Shows considerable resistance to tipburn and ability to head under adverse conditions. Pkt. 10c; oz. 80c.

Imperial No. 152. (Mature in 83 days.) Medium large, solid and attractive heads. Well adapted for early fall planting and dependable in heading. Resistant to brown blight. Pkt. 10c; oz. 60c.

New York No. 515 Improved. A development from Number 12, matures slightly earlier. Resistance to tipburn makes this lettuce ideal in hot weather. Pkt. 10c; oz. 50c.



EGGPLANT

KOHL RABI

½ oz. to 100 ft., 4 to 5 lbs. per acre

The delicious flavor of this turnip-shaped bulb combines both cabbage and turnip. Early in spring sow the seed in light rich soil in rows 1½ feet apart. When plants are well established, thin to 6 inches apart in the row.

Early White Vienna. (55 days.) For forcing. The best table sort if used when the bulbs are 2 inches in diameter. It matures early and produces medium-sized light green bulbs with white flesh of excellent quality. Pkt. 10c; oz. 35c.

LEEK

Large American Flag. An early popular sort. Stems 8-10 inches long, 1½ inches thick; white, and attractive. Leaves large, medium green, drooping backward. Pkt. 10c.

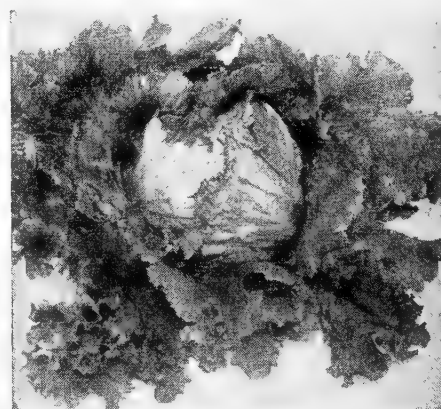
LETTUCE

LEAF LETTUCE

Grand Rapids. Very early. Hardy, disease resistant. The most widely used and best adapted variety for greenhouse forcing. Plants large, upright, compact, and handsome; bright solid, light green, large leaves with broad, much frilled margin. Very tender and sweet when grown under glass. Pkt. 10c; oz. 30c.

Oak Leaf. Shaped like an oak leaf. Stands up well in hot weather and does not turn bitter. Pkt. 10c; oz. 50c.

Red Leaf Prizehead. Early non-heading sort, very desirable for home garden use. Plants of medium size, crisp and tender; color medium green with brownish-red edges on outer leaves. Pkt. 10c; oz. 30c.



GREAT LAKES LETTUCE

OKRA or GUMBO

2 oz. to 100 ft., 8 to 10 lbs. per acre

Sow seed early in May, in rows 3 feet apart and 2 inches deep. As plants appear, thin out to about 1 foot apart.

Perkins Mammoth Long Pod. Standard medium early sort for home, market garden and canning. Plants 4 to 5 feet tall; pods dark green, fleshy, tender; become 7 to 8 inches long, 1½ inches in diameter. Distinctly ribbed and tapered. Pkt. 10c; oz. 20c.

MUSKMELON

1 oz. to 100 ft., 3 to 4 lbs. per acre

Where summers are short sow in pots indoors, planting out in rich, well manured soil when danger of frost is over.

Bender's Surprise. A very delicious muskmelon. Earlier than Hales Best and Hearts of Gold. Delicious salmon-fleshed melon, very popular. Fruits are medium to large; oval; distinctly ribbed and covered with slight patches of netting; skin light yellow when ripe. You'll like Bender's Surprise as a home-garden or market melon. Pkt. 10c; oz. 40c.



MELON, HALE'S BEST

Hale's Best Improved No. 36. (80 days.) Fruits slightly oval, weight 3 to 4 pounds. Flesh exceptionally thick, deep salmon in color, sweet, aromatic and of very fine quality. Uniform in shape. Pkt. 10c; oz. 30c.

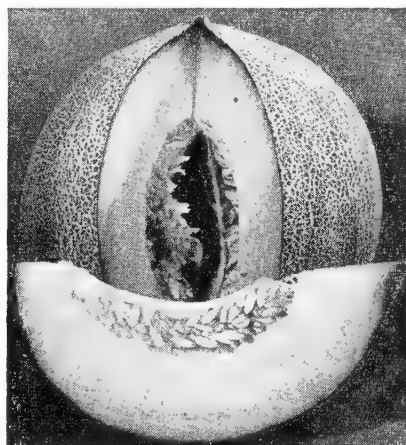
Hearts of Gold. (100 days.) This popular medium sized melon follows the earlier varieties. It is fine to plant for succession as it ripens in about 100 days. The fruits are 5 to 6 inches in diameter. The smooth orange salmon flesh is exceptionally thick and fine flavored. Pkt. 10c; oz. 30c.

Rocky Ford or Netted Gem. (92 days.) Fruits are small with rather large seed cavity, nearly round; no ribs, and heavily covered with hard gray netting. Flesh thick, green in color with gold tinge at the center. Juicy, spicy, and of good quality. Pkt. 10c; oz. 30c.

OTHER MELONS

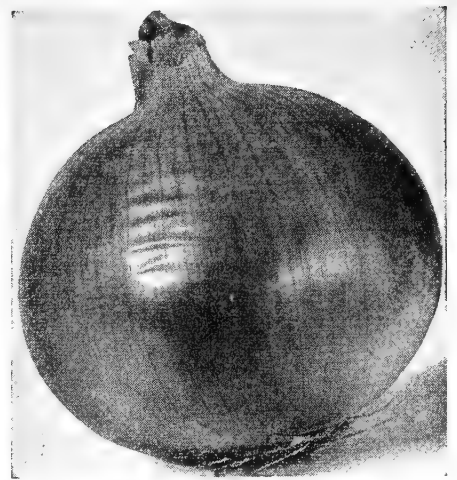
Casaba. (110 days.) The casaba is a melon for the late season after the muskmelons are past. Fruits are medium, large, globe shaped, weigh 6 pounds; outer color golden yellow, surface wrinkled. Flesh white, luscious and spicy. Pkt. 10c; oz. 35c.

Honey Dew. (112 days.) A very fine melon. Fruits large globular, weight 5 to 6 pounds. Surface is smooth, hard, with practically no netting, creamy white. Flesh light emerald green, thick, ripening to the rind; juicy and tender, with a distinct sweetness not found in other melons. Pkt. 10c; oz. 35c.



PERSIAN MELON

Persian. (115 days.) A late, slow growing variety. Fruits globular; rind very dark green, netting fine but sparse. Flesh thick, orange-pink in color. Of a distinct and delicious flavor. Pkt. 10c; oz. 50c.



ONION, SWEET SPANISH

ONIONS

½ oz. to 100 ft., 3 to 4 lbs. per acre

As early as soil can be worked in spring, sow the seeds thinly in drills 1 foot apart, and cover lightly, later thinning out to about 6 inches apart in the row. The soil must be well fertilized and be made very friable. In hot weather, water frequently.

Crystal Wax Bermuda. Medium size, pure, waxy white. One of the mildest sorts grown. Good bunching onion. Pkt. 10c; oz. 95c.

Southport White Globe. White winter onion. A heavy yielder and large size. Good keeper either in the field or storage. Silvery white in color, globe shaped. Strong flavor. Pkt. 10c; oz. 85c.

Utah Sweet Spanish (Yellow Strain). A large, globe shaped onion, weighing 1 to 3 pounds. Small tops. Flesh mild and sweet. Good for slicing. Most popular marketing onion. (Fz.) Pkt. 10c; oz. 75c.

White Portugal, or Silverskin. A good second early white flat onion. It should be planted any time from November 1st until April 1st. It is a good keeper and desired for shipping. Fine for pickling. Pkt. 10c; oz. 75c.

White Sweet Spanish. (112 days.) A very large onion with pure white flesh, similar to the Yellow Sweet Spanish. A good keeper. Globular with small neck. Pkt. 10c; oz. 90c.

Yellow Globe Danvers. Dependable, medium late, hardy and excellent keeper; used for shipping and storage. Bulbs medium size, spherical, clear yellow, firm and solid with tough, clinging skins. Flesh white. Pkt. 10c; oz. 75c.

ONION SETS

Sets are northern grown, hardy, carefully cleaned, graded and packed. Produced for western conditions. Plant onion sets deep for green onions and shallow for dry onions. 1 lb. to 50 ft.

GARLIC SETS

(In about 110 days.) Garlic is grown by planting the small bulbs in rows, 4 inches apart in the row. Cover the bulbs with one inch of soil. When the tops turn yellow, lift the bulbs and dry in the shade. To keep for the winter, hang in strings in a dry basement.

MUSTARD

½ oz. to 100 ft., 4 lbs. per acre

Make successive sowings in open from early spring to midsummer.

Southern Giant Curled. The leaves are large, light green with a tinge of yellow, and much crumpled and frilled at the edges. The plant is upright or slightly spreading in growth. This variety is valued in the South for its vigor, hardness, and good quality. Pkt. 10c; oz. 15c.

Mustard Spinach or Tendergreen. Strictly speaking it is not a variety of mustard. A quick growing plant from the Orient. Leaves oblong, broad, fairly smooth with light green center ribs. Slow to seed, resistant to heat and drought. The flavor combines that of spinach and mustard. Pkt. 10c; oz. 15c.

PARSNIP

1 oz. to 100 ft., 3 to 4 lbs. per acre

Sow in deeply worked, manured soil. **Long Smooth or Hollow Crown.** A standard table sort; the best and most productive for field culture. Pkt. 10c; oz. 15c.



PARSLEY

½ oz. to 100 ft., 3 to 4 lbs. per acre

Grows best in rich mellow soil and should be sown as early as possible in spring.

Extra Triple Curled (Moss Curled). This vigorous compact grower is one of the most popular varieties because of its deep green color and tightly curled leaves that look like moss. It is unusually decorative. Pkt. 10c; oz. 20c.



PEA, TALL TELEPHONE

PEAS

FIRST EARLY VARIETIES

1½ lbs. to 100 ft., 90 to 180 lbs. per acre
Alaska. (55 days.) This variety is extremely early. The round pods, 2½ inches long, contain 5 to 8 peas which are ready for use in about 55 days. The peas are small, round, and tender. The vines are 2½ to 3 feet tall. Pkt. 15c; 1 lb. 40c.

Laxton's Progress. (60 days.) A little earlier than other dwarf large podded peas, this variety is generally considered the best of its class. The blue green pods are often more than 4 inches long and contain 8 dark green peas of finest quality. The seeds are large, wrinkled green and cream. (Fz.) Pkt. 15c; 1 lb. 40c.

Little Marvel. (64 days.) Outstanding among dwarf peas for the exceptional quality and yield. Valuable for home garden and early market. Vines dark green, 18 inches tall, stocky. Pods single and double, dark green, blunt, plump, well filled with 7 to 8 tender peas. Pkt. 15c; 1 lb. 40c.

MAIN CROP

Mature to pick in about 75 days

Morse's No. 60. A midseason variety growing 4 ft. high with pods 4 in. long. Ready for picking 70 days from planting. Outstanding because of its ability to produce heavy and consistent crops of fine, large pods. Fully resistant to Fusarium wilt and has some resistance to mosaic. Vines sturdy and vigorous and of dark green, pods contain 9 to 11 large peas of excellent quality. Pkt. 15c; 1 lb. 40c.

Dwarf Telephone. Only about 2 feet tall, otherwise resembling Alderman. The pods are well filled with peas of the same good quality. It is an excellent variety to follow the early peas in the home garden. Seeds large, green, wrinkled. Pkt. 15c; 1 lb. 45c.

Tall Telephone or Alderman. A handsome, large podded variety. Unexcelled for home gardens, for local market and for shipping. Bears immense crops. Wilt resistant. Pods single, very broad, plump, straight, dark green, pointed, contain 8 to 10 peas of highest quality. (Fz.) Pkt. 15c; 1 lb. 45c.



RADISH, FRENCH BREAKFAST

RADISH

1 oz. to 100 ft., 10 to 12 lbs. per acre

For an early crop, sow in hotbed in January, February and March. As soon as ground is fit to be worked, sow seed in the open, in rows 1 foot apart.

Cherry. Popular new variety. Very good quality. Attractive appearance. Pkt. 10c; oz. 20c.

Crimson Giant. A favorite with home gardeners. Large globular root, 1 to 1½ inches in diameter, crimson, flesh firm. Pkt. 10c; oz. 15c.

Early Scarlet Globe. The earliest of all forcing radishes grown for market. Globular, uniform size, bright scarlet, white flesh, crisp and tender. Pkt. 10c; oz. 15c.

French Breakfast. A splendid variety for home use; oblong, bright scarlet, white tip. Grows about 1½ inches long and ¾ inch thick. Pkt. 10c; oz. 15c.

Long White Icicle. Long slender roots which remain tender and crisp until mature. The small top permits close planting. Early. Pkt. 10c; oz. 15c.

Sparkler. 25 days. 1¼ inch in diameter with bright scarlet top, a clear white base and small slender roots, this radish is excellent for the home garden or growing for market. Early. Pkt. 10c; oz. 15c.

PEPPER

¼ oz. to 100 ft., 1 to 2 lbs. per acre
 Culture, soil and temperature requirements are about the same as for eggplant. A moderate dressing of guano, poultry manure, or complete commercial fertilizer, hoed into the soil after the plants are 6 to 8 inches tall, will be very beneficial.

California Wonder. Thickness of flesh alone, which is often ¾ of an inch, places this sweet pepper above all others. It is crisp and juicy, too, without a trace of pungency. Vigorous growing plants bear a heavy yield of blocky fruits that become as much as 5 inches long and 4 inches wide. Pkt. 10c.

Long Red Cayenne. This well known, medium early pepper is especially good for drying purposes. The fruit is 4 inches long and 1 inch thick, twisted and pointed. It is deep green when young and bright red when ripe. The flesh is strong and pungent. Pkt. 10c.

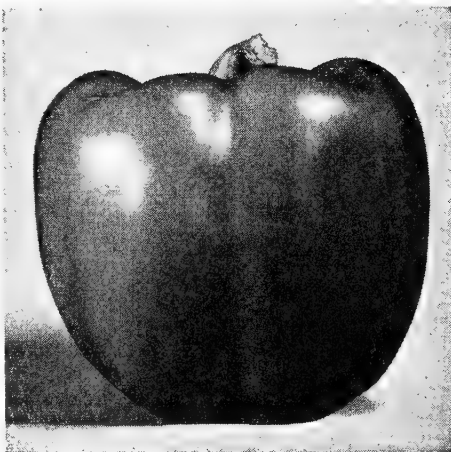
PUMPKIN

4 oz. to 100 ft., 3 to 4 lbs. per acre

Pumpkins are typically American, and pumpkin pie is one of our truly American dishes. They are less sensitive to unfavorable conditions of soil and weather than melons or cucumbers, but they are cultivated in about the same way.

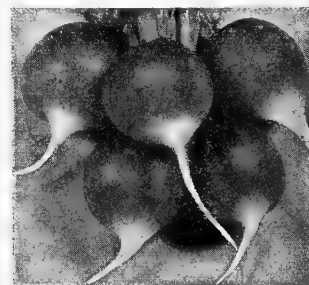
Large Yellow or Connecticut Field. This sort is grown largely in the corn field for stock, but the flesh is moderately fine grained, highly flavored, and very good for pies. The fruits weigh about 20 pounds and are a deep orange yellow. Pkt. 10c; oz. 25c.

Sugar or New England Pie. The earliest and best variety for pies. Fruits commonly 6 inches long and 8 to 9 inches in



PEPPER, CALIFORNIA WONDER

diameter; flattened, furrowed. Skin smooth, of a rich, reddish-orange color; rind hard. Flesh thick and orange-yellow. Pkt. 10c; oz. 25c.



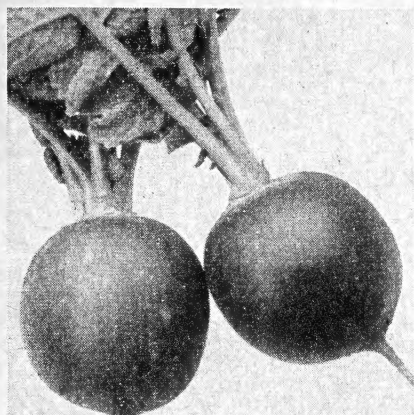
RADISH, SPARKLER

WINTER VARIETIES

Chinese White Winter (Celestial). Clear white and smooth; about 8 inches long, 2½ to 3 inches in diameter. Square shoulder and blunt bottom. Flesh white, firm, and crisp; mild; not so pungent as most winter varieties. Pkt. 10c; oz. 20c.



Keep Worms Out of Radishes with Botano De Luxe.



RADISH, CHERRY

RUTABAGA

1 oz. to 100 ft., 2 to 4 lbs. per acre

The culture is the same as for turnip, but if anything, less exacting in care.

Purple Top. Medium top and very small neck. Roots are large, flattened globe in shape, yellow with purple top. Flesh is yellow, firm and of excellent quality. Pkt. 10c; oz. 15c.

SALSIFY, Vegetable Oyster

1½ oz. to 100 ft., 7 to 8 lbs. per acre

Sow in deeply worked, well manured soil avoiding coarse and fresh manure.

Mammoth Sandwich Island. Large and strong growing plant with long, smooth, white, tapering roots. Pkt. 15c; oz. 60c.

SPINACH

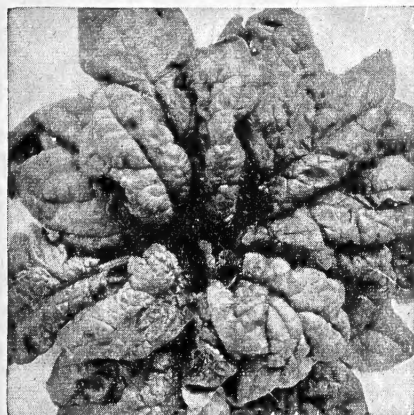
1½ oz. to 100 ft., 10 to 20 lbs. per acre

Sow early in the open

Bloomsdale Savoy. This is the largest spinach. Growth is rapid, and the medium green leaves are large, rounded. Pkt. 10c; oz. 15c.

Nobel, or Giant Thick Leaved (All-America). Of rapid growth. The leaves are the largest of any type and keep well after picking; medium-green, rounded, slightly crumpled, succulent and tender. Excellent for the home garden. Pkt. 10c; oz. 15c.

New Zealand. Not true spinach though similar when cooked. Thrives in hot, dry weather. The large, spreading plants have small, thick, pointed, deep green leaves, which can be picked repeatedly throughout the season. Pkt. 10c; oz. 20c.

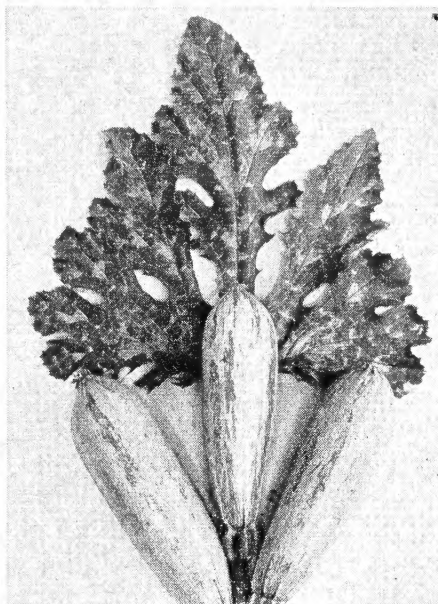


SPINACH, NOBEL

SQUASH

Vining, 1 oz. to 100 ft., 4 lbs. per acre

Seeds should be planted about the middle of May, in hills 4 feet apart for bush varieties, and 10 feet apart for the running sorts. Put 5 to 8 seeds in each hill; afterwards thin out, leaving 3 or 4 of the best plants.



SQUASH, CASERTA

SUMMER SQUASH

The varieties listed below are all bush type, and are all summer squash types which should be used when the fruits are young and immature.

Caserta (All America Selection). Earliest of all, and a prolific yielder. Cylindrical fruits 15 to 18 inches long and 4½ to 5 inches in diameter when mature. Color light yellow, irregularly striped with green. Pkt. 10c; oz. 40c.

Early Prolific Straightneck. The peak of perfection in a summer squash. Fruits straight and smooth, of creamy yellow color. Vines produce abundantly, 50 days. Pkt. 10c; oz. 25c.

Early Summer Crookneck. Very early, 60 to 65 days. The bushy plant is very productive. Fruits attractive, weighing about 2 pounds. The skin is distinctly warted and bears a bright yellow color, while the flesh is pale cream, firm, and tender. Very good for home planting. Pkt. 10c; oz. 25c.

White Bush Scallop. A popular variety bearing profusely. Small, rather flat, white squashes with a distinct scalloped edge. Is very early and has a fine flavor. Pkt. 10c; oz. 25c.

Zucchini or Italian. The favorite Italian squash. It should be eaten when quite young, 4 to 6 inches long. It is a delicious summer variety; very prolific, a few hills will suffice to keep the family well supplied the entire summer. (Fz.) Pkt. 10c; oz. 25c.

SWISS CHARD 1 oz. to 100 ft., 6 to 10 lbs. per acre

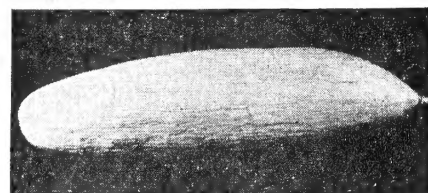
The tops are used like spinach. Culture like beets. Thin to 8 inches.

Lucullus, Dark Green. The fleshy crumpled leaves of this variety make very choice greens. Plant erect; stalks rounded and finely ribbed. Foliage a rich deep green. (Fz.) Pkt. 10c; oz. 15c.

Bush, 1 oz. to 100 ft., 4 to 6 lbs. per acre

WINTER SQUASH

These are all varieties which keep well. They should be picked when fully mature. Most kinds can be stored for several months.



BANANA SQUASH

Banana. A late trailing sort, cylindrical and pointed at blossom end. A fine squash for pies. Free from fiber or stringiness. Flesh thick, deep yellow, dry, and of a sweet flavor. Has slate-grey rind. Pkt. 10c; oz. 30c.

Improved Hubbard. Large and of warty Hubbard type. Shell dark green, hard, moderately warted. Flesh light orange, very dry and richly flavored. One of the best winter squashes. Pkt. 10c; oz. 30c.

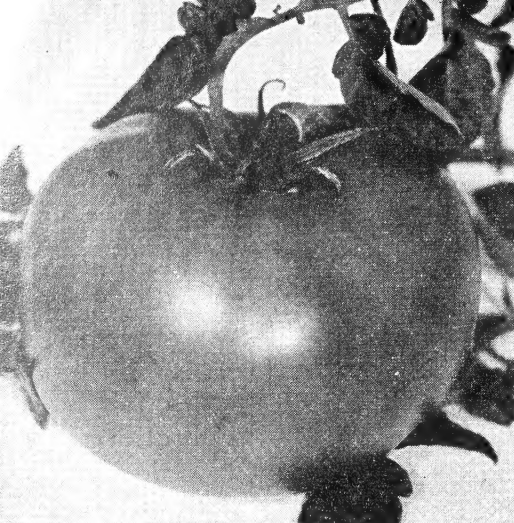


UCONN SQUASH
All America Gold Medal Winner 1950

Uconn. 1949 Gold Medal award winner. True bush form of Table Queen, does not run. Especially delicious when left on the bush to mature for storing as winter squash. Prolific, buttery, yellow, meaty flesh. New and desirable variety. Pkt. 10c; oz. 40c.

Table Queen or Danish. Small, dark green, acorn shape. Flesh deep yellow, dry, richly flavored. Medium early. A good deeper. Easy to grow. Pkt. 10c; oz. 30c.

Umatilla Marblehead. Thick meaty squash. Large, slate colored variety. Yields heavy. Pkt. 10c; oz. 40c.



TOMATO, PEARSON

TOMATOES

$\frac{1}{8}$ oz. to 100 ft., 2 oz. per acre

In February or March sow seeds lightly in rows in greenhouse, hotbed, or window box, and when plants have reached a height of 3 inches, transplant in hotbeds. About June 1, set out in open ground, 4 feet apart, giving plenty of well rotted manure to each plant. Water freely during hot weather. To obtain the best results, trellises or stakes should be used.

Bonny Best. One of the very best early varieties (75 days). Vine medium, not very hardy. Fruits medium sized, apple shaped, smooth; solid, bright scarlet in color, of excellent quality. Pkt. 15c; oz. \$1.35.

Earliana Improved. (65 days.) One of the earliest scarlet fruited varieties. Medium size, almost seedless and solid. Vine open and spreading. A heavy bearer. Succeeds everywhere. Pkt. 15c; oz. \$1.40.

Jubilee. (72 days.) The fruits are bright orange-yellow, globular, and weigh about 6 ounces. Pkt. 15c.

Marglobe. (73 days.) Excellent home garden variety and particularly valuable for shipping. Plants thrifty and heavily productive with a long bearing period. Fruits uniform deep scarlet; large; uniformly globe shaped; smooth, solid, and of distinct quality. Pkt. 15c; oz. 95c.

Ever Try a Cover Crop?

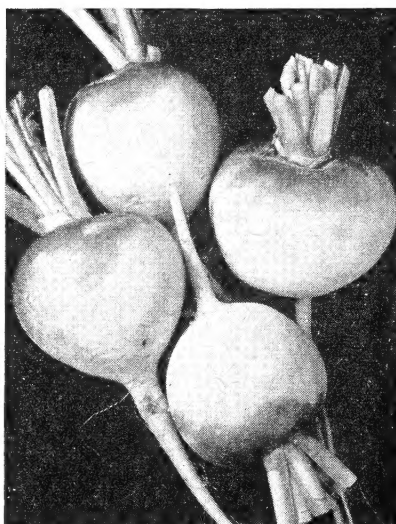
Some portions of your vegetable garden will probably be unused during part of the year. It's a good idea to sow a quick growing cover-crop such as a combination of winter oats and vetch, or winter oats and rye, in these idle spaces. When planting time arrives turn your cover crop under to obtain the benefits of the humus and plant food stored in the green plants. If you have never tried cover cropping you'll be surprised at the results. Even stiff clay soils are noticeably improved by the use of a cover crop.

Rutgers. (86 days.) The most widely grown variety which has deservedly achieved general popularity. Primarily intended for canning. It has also proved a good green-wrap shipper and all-purpose variety. Plant large with thick stems and vigorous foliage. Fruits globular, bright red, with thick walls and small seed cells. Pkt. 15c.

Victor. Introduced by the Michigan State College. Fruits are about 3 inches in diameter, globe-shaped and ripen to a deep scarlet. Early. Pkt. 15c; oz. \$1.30.

Yellow Pear. (73 days.) Fine for salads, sweet and delicious. Small, yellow, pear-shaped fruits of exceedingly mild and pleasing flavor. Pkt. 15c.

Ground Cherry or Husk Tomato. Fruits small, yellow, enclosed in loose paper husks. Prized for preserving. Pkt. 15c.



TURNIP, PURPLE TOP WHITE GLOBE

TURNIP

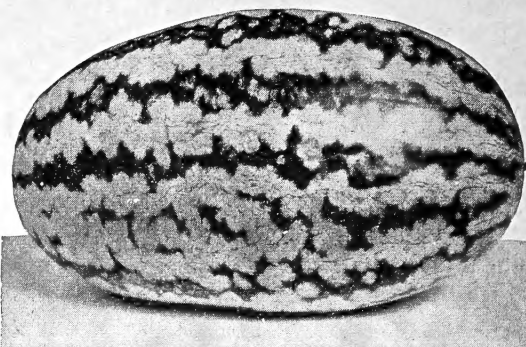
1 oz. to 100 ft., 2 to 3 lbs. per acre

For the main crop, sow in open ground from May to July; for winter use, during July and August. Set out in rows $1\frac{1}{2}$ feet apart, allowing a space of 6 inches between the plants.

Purple Top Strap Leaf. A medium early, very productive variety. Tops medium small, upright, strap-leaved. Roots flat purple red at the top, white below; flesh white, fine grained and tender. Pkt. 10c; oz. 15c.

Snowball. A desirable sort for home use and early markets. Tops small and erect. Roots medium sized, round, white throughout, sweet, crisp and tender. Table size in 40 days. Pkt. 10c; oz. 15c.

Purple Top White Globe. Grows quite large without developing coarseness. It has white skin, the upper one-third being reddish purple. Flesh pure white, firm, fine grained and of superior flavor. Good keeper. Fine for table use and stock feeding. Table size in 55 days, mature in 70 days. Pkt. 10c.

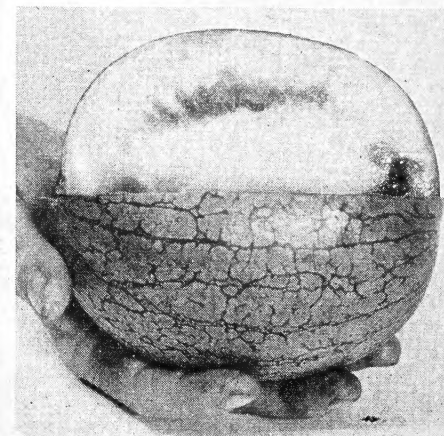


WATERMELONS

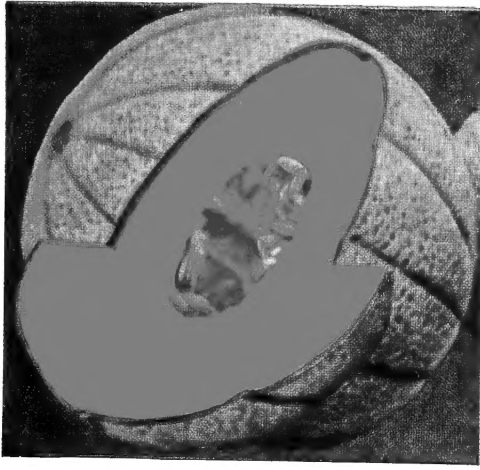
Striped Klondike. Right for the present this variety is the most popular watermelon in the Southern Oregon district, both for home market and shipping. The flavor is fine, texture unexcelled, a good shipper and very attractive with its mottled skin. Thin rind with small brown seeds. Matures about the same time as Brown Seeded Klondike; in about 85 days. We suggest that you plant this variety for main crop. Pkt. 10c; oz. 35c.

Monarch Brown Seeded Klondike. (Early maturing strain.) Flesh deep red, very sweet, flavor of the best, rind thin, dark green and tough enough to allow shipping to nearby market. Stem end square, center full, tapering slightly to the blossom end. A favorite on the Pacific Coast. One of the best flavored melons we have ever offered. Usually weighs about 25 pounds. We offer the earliest maturing strain. You can buy cheaper seed, but never better. Pkt. 10c; oz. 35c.

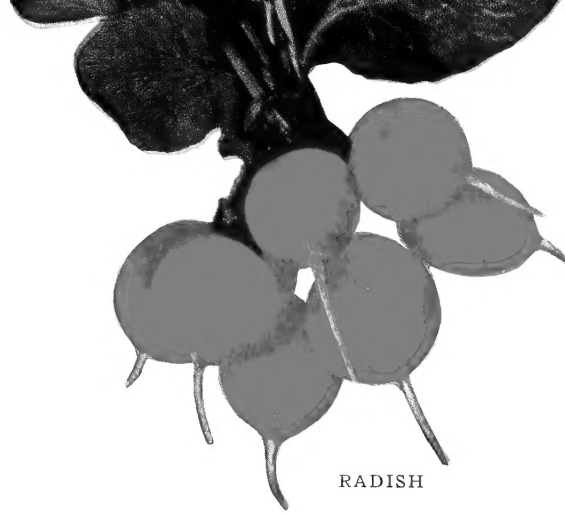
Kleckley's Sweet. (85 days.) Average weight 35 pounds. Color is dark green with a bright red flesh that is tender and melting. Not a good shipper. Seeds white with darkened tips; also known as Monte Cristo. Pkt. 10c; oz. 25c.



New Hampshire Midget (Gold Medal Winner). (65 to 78 days.) Early and prolific, up to 6 inches through and weighing up to 6 lbs. Rind very thin. Flesh strawberry red and of excellent flavor. Vines small and vigorous. Probably the best midget watermelon so far produced. Pkt. 25c.



MUSKMELON

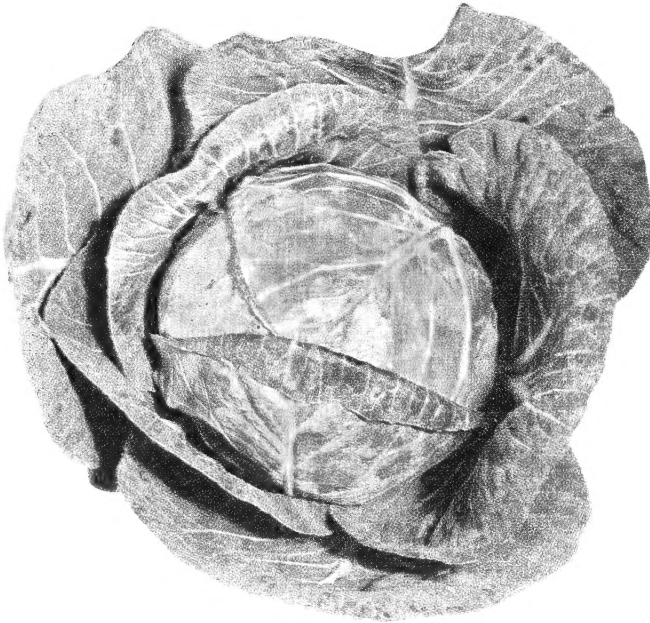


RADISH

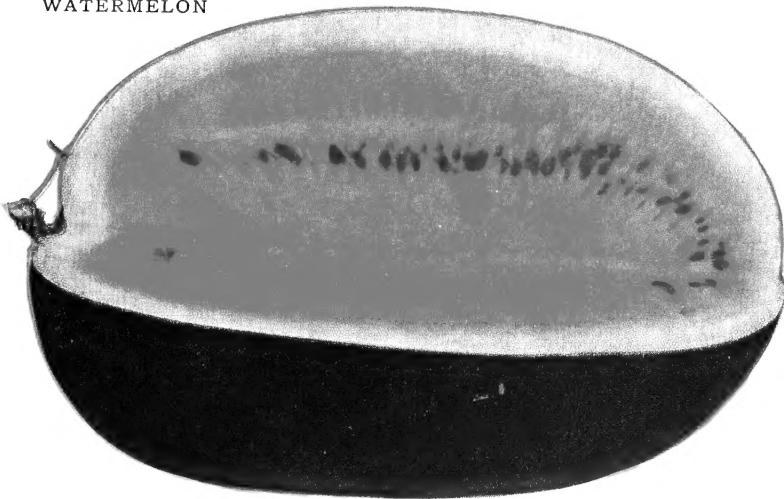


PEAS

CABBAGE



WATERMELON



WHITE BUSH SCALLOP SQUASH

CUCUMBER





*Garden
Guide*
1951

Monarch
SEED & FEED CO.

MEDFORD, OREGON

Ashland Branch
TED'S FEED & SEED STORE
Ashland, Oregon

"Everything for Your Garden but the Rain"